



Digitized by the Internet Archive
in 2013

<http://archive.org/details/climatologicalda53unit>

January-June 1948 is out of print.

AGRICULTURAL REFERENCE DEPARTMENT
CLEMSON COLLEGE LIBRARY

U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ARKANSAS

JULY 1948

Volume LIII No. 7



ARKANSAS JULY 1948

Walter C. Hickmon, Section Director - Little Rock

GENERAL SUMMARY

most daily thundershowers were general during the first 15 days of the month, and were used by the movement of minor Cold Fronts, or squall lines associated with Cold Fronts passing over Arkansas. These thundershowers totaled up to the heaviest July average rainfall since 1941; also averaged the most days of July rainfall since 1941.

Arkansas was on the back side of numerous HIGHS for most of the month, which fed relatively moist air from the south into this section, to account for both the above-average rainfall and the normal temperatures of the month. No LOWS passed directly over the state during the month.

Most crops, including both field and truck, flourished during the month as a result of the favorable moisture and heat conditions. A small portion of the state did report a deficiency in rainfall, with some slight crop damage. This was confined to a narrow band, extending from Texarkana to Hardy in the north.

Generally hundreds of thunderstorms were reported during the month, but luckily, most were comparatively mild. Twenty-seven reports of high winds were received, but damage was minor in all cases except at Newport. Newport reported damage from the thunderstorm on the 17th totaling \$10,000. Most of this damage was uprooted trees and partially destroyed roofs.

Reports of excessive precipitation came from Pine Bluff on the 18th and Stuttgart on the 26th, causing some monetary damage. Pine Bluff reported 2.47 inches of rain in slightly less than an hour. The storm sewers were unable to carry off this unusual flow, resulting in flooded streets, and also two bakeries were flooded, causing damages amounting to about \$3,000.

Stuttgart reported a condition similar to that of Pine Bluff, with 2.02 inches of rain falling in a 35-minute period during the evening of the 26th. Streets were flooded to a depth of 20 inches, with merchants reporting damage of more than \$5,000 to stocks and buildings.

There were no floods on the rivers during the month. There were no reports of damaging hail, although hail was reported eight different times.

TEMPERATURES

The July, 1948 average temperature was 80.5 degrees, or exactly the same as the 58-year average. The highest temperature reported during the month was 105° at Magnolia on the 26th, and the lowest, 51° at Bethesda on the 2nd. Practically all stations in the state reported high temperatures above 95° during the month. The warmest station in the state was El Dorado, with an average temperature for the month of 84.9 degrees; they also reported a high for the month of 104°. Devils Knob reported the lowest monthly average, with 75.4 degrees. Numerous counties in the south part of the state reported that the temperatures were 90° or higher for a total of 30 or more days during the month.

PRECIPITATION

The mean precipitation for July, 1948 was 4.11 inches, 0.44 inch above the 58-year average. The month's totals ranged from 0.84 inch at Walnut Grove to 9.09 inches at Pine Bluff. The greatest 24-hour amount reported was 4.81 inches on the 27th at Cummins Farm, in Lincoln County. Runner-up was 4.10 inches on the 12th at Grannis, in Polk County.

Although the state average was above normal, about one-fourth of the counties in the state were below normal for July, and these counties were in a narrow band, extending from Texarkana to Hardy. The wettest portions of the state were the northeast counties, extending down to Scott and Yell Counties, and a section extending from Jefferson, Lincoln, Desha Counties along the Mississippi to Mississippi County. The counties along the southern border averaged about half of the normal precipitation. Precipitation, .01 or more, averaged nine days for the state, as against a 58-year average of seven. Hail was reported by eight stations.

ARKANSAS
JULY 1948

TABLE 1
COMPARATIVE DATA

YEAR	TEMPERATURE			PRECIPITATION			YEAR	TEMPERATURE			PRECIPITATION		
	MEAN	HIGHEST	LOWEST	AVERAGE	AVERAGE SNOWFALL	DAYS WITH .01 OR MORE		MEAN	HIGHEST	LOWEST	AVERAGE	AVERAGE SNOWFALL	DAYS WITH .01 OR MORE
1891	76.5	103	50	7.24	0	10	1921	82.0	107	54	2.42	0	6
1892	79.0	104	52	3.58	0	10	1922	80.2	106	48	4.12	0	7
1893	80.9	103	59	2.94	0	6	1923	79.9	105	48	3.53	0	6
1894	78.4	108	51	3.98	0	16	1924	79.0	110	40	2.35	0	5
1895	78.9	104	55	7.34	0	2	1925	81.8	109	47	4.99	0	10
1896	83.4	110	52	1.61	0	4	1926	79.8	109	42	3.55	0	8
1897	82.4	109	50	3.25	0	5	1927	79.6	104	49	4.25	0	6
1898	79.9	105	50	4.25	0	8	1928	80.3	102	52	3.66	0	8
1899	79.0	100	52	5.14	0	8	1929	81.2	105	51	3.07	0	7
1900	79.7	102	51	4.46	0	9	1930	84.7	115	42	0.74	0	2
1901	83.7	116	50	2.49	0	6	1931	81.0	106	48	6.00	0	11
1902	79.4	105	50	4.49	0	6	1932	82.5	108	50	5.00	0	9
1903	79.6	105	53	3.86	0	9	1933	81.4	109	55	5.01	0	9
1904	77.9	104	49	4.43	0	10	1934	85.5	112	57	1.66	0	4
1905	76.7	106	51	7.60	0	13	1935	82.2	107	53	2.32	0	5
1906	76.7	99	48	5.96	0	10	1936	83.3	114	42	4.90	0	6
1907	81.4	108	53	1.96	0	4	1937	80.4	106	52	3.71	0	7
1908	79.2	103	48	3.00	0	8	1938	82.0	109	59	3.74	0	7
1909	81.9	106	50	2.51	0	5	1939	82.0	110	55	3.34	0	7
1910	79.4	105	41	5.46	0	10	1940	78.4	103	48	4.14	0	8
1911	78.4	106	43	4.83	0	11	1941	81.2	105	53	4.82	0	9
1912	81.3	104	56	2.82	0	6	1942	81.1	105	53	1.39	0	3
1913	81.5	104	55	4.31	0	8	1943	82.9	110	47	1.13	0	4
1914	82.6	107	54	2.69	0	7	1944	81.2	108	49	2.61	0	4
1915	77.1	107	43	2.40	0	5	1945	78.1	106	45	3.94	0	6
1916	82.8	106	55	2.09	0	6	1946	80.8	106	51	3.94	0	7
1917	79.6	106	50	5.10	0	8	1947	78.3	109	41	1.25	0	3
1918	79.6	111	49	1.53	0	4	1948	80.5	105	51	4.11	0	9
1919	81.2	104	54	1.91	0	5	PERIOD	80.5	116	40	3.67	0	7
1920	79.8	105	52	4.22	0	7							

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

STATIONS	SEA LEVEL PRESSURE EXTREMES—INCHES				WIND				RELATIVE HUMIDITY AVERAGES				SUN- SHINE	DEGREE DAYS 65° BASE
	HIGHEST	DATE	LOWEST	DATE	AVERAGE SPEED M.P.H.	MAXIMUM SPEED M.P.H.	DIRECTION	DATE	1:30A EST	7:30A EST	1:30P EST	7:30P EST	PERCENT OF POSSIBLE	
FORT SMITH WB AP	30.18	2	29.72	21	6.3	33	E	7	87	89	59	59	72	0
LITTLE ROCK WB AP	30.23	1	29.77	22	6.7	31	NW	13	85	87	60	66	63	0
TEXARKANA WB AP	30.19	2	29.79	22	-	42	WNW	31	79	87	55	57	-	0

TABLE 2
CLIMATOLOGICAL DATA

ARKANSAS
JULY 1948

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT								PRECIPITATION, IN INCHES										
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	NO. OF DAYS		TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOWFALL (UNMELTED)			NO. OF DAYS			
							MAX. 90° OR ABOVE	MIN. 32° OR BELOW					TOTAL	GREATEST DEPTH ON GROUND	DATE	.01 INCH OR MORE	.25 INCH OR MORE	1.00 INCH OR MORE	
ABBOTT	80.4	+ 0.2	97	25	60	2	24	0	5.02	+ 2.00	1.43	23	.0				9	5	2
ALPINE									5.57		1.45	7	.0				10	6	2
ALUM FORK									5.20		1.10	5	.0				13	6	1
ALY									8.35		2.18	10					16	9	2
APLIN									4.28		.94	19	.0				12	7	0
APPLETON	83.1	+ 1.9	102	26	60	2	30	0	3.79	- 0.29	2.15	13					7	2	1
ARKADELPHIA									3.42		1.70	28	.0				9	4	1
ARKANSAS CITY									5.64		1.28	17	.0				11	7	3
ASHDOWN									2.77		1.12	27	.0				9	4	1
ATHENS									4.93		1.46	7	.0				9	4	2
AUGUSTA	79.5 78.1M	- 0.7	96	7	54	1	19	0	2.88	- 0.87	1.58	13					6	3	1
BATESVILLE AIRWAY									2.73		1.55	7	.0				9	3	1
BATESVILLE LIVESTCK									2.34		.77	8	.0				9		0
BATESVILLE L D 1									2.61		1.02	8	.0				9	4	1
BEATY LAKE									5.65		2.72	13	.0				7	5	2
BEAVER	79.2	- 2.0	96	7	56	1	21	0	7.24	- 2.07	1.54	4	.0				15	9	2
BEE BRANCH									1.20		.38	12	.0				6	2	0
BEECH GROVE									3.00		.87	13	.0				7	5	0
BEEDEVILLE									3.80		1.48	23	.0				7	4	2
BENTON									2.94		.96	19	.0				8	4	0
BENTONVILLE	80.8	+ 0.1	98	26	62	6	30	0	6.86	+ 3.57	1.76	26	.0				11	5	4
BERRYVILLE									5.57		1.40	26					8	7	2
BETHESDA									2.62		.70	8	.0				6	5	0
BIG FLAT									3.40		1.20	23	.0				10	2	2
BIG FORK									2.20		.80	18	.0				6	4	0
BIG LAKE OUTLET	81.7 81.1	+ 0.2 - 1.7	98 99	8+ 22	60 57	2 2	27 25	0 0	4.12	+ 0.95 - 1.53	1.43	18	.0				9	5	2
BLACK ROCK									1.99		1.10	13	.0				4	3	1
BLUE MOUNTAIN DAM									5.65		1.52	15					14	6	2
BLYTHEVILLE									4.54		2.00	20	.0				6	5	2
BOONEVILLE									4.57		1.13	23	.0				14	5	1
BOONEVILLE 2S ;	81.5	+ 0.5	97	7+	57	2	27	0	5.69	- 0.40	1.48	23	.0				14	9	2
BOTKINBURG									3.37		1.70	11					8	4	1
BOUGHTON									3.08		1.24	14	.0				7	4	1
BRADFORD									1.99		1.20	23	.0				4	3	1
BRINKLEY									3.88		1.14	14	.0				9	5	1
BURDETTE	83.6	+ 2.1	101	18	59	2	29	0	3.36	- 1.48 - 0.08	1.00	23	.0				5	4	1
CABOT									4.07		1.58	13	.0				8	5	1
CALICO ROCK									2.00		.50	13	.0				12	3	0
CAMDEN 1									3.98		1.46	15	.0				6	4	2
CAMDEN 2									3.77		1.50	14					6	3	2
CAMP CHAFFEE	81.4M												.0						
CARLISLE									4.50		1.00	19	.0				6	5	1
CLARENDON									3.90		1.22	27	.0				11	7	1
CLARKSVILLE									1.78		.50	13					8	2	0
CLINTON									5.19		1.80	18	.0				10	5	2
COLD SPRINGS	80.4 80.4	- 1.8 + 0.3	98 97	30 18	57 57	2 2	27 23	0 0	6.05	- 1.93 - 0.23 + 3.05	2.20	15	.0				11	8	2
COMBS									4.78		1.85	27					6	5	1
CONWAY									1.57		.40	23	.0				14	2	0
CORNING									3.35		2.67	18	.0				5	2	1
COTTER									5.85		1.63	18	.0				11	7	2
COVE	83.4	+ 1.8	102	25+	62	2	30	0	8.70	- 1.09	2.68	18	.0				10	6	3
CROSSETT									3.53		1.44	27	.0				8	3	1
CRYSTAL VALLEY									3.13		1.03	7	.0				7	4	1
CUMMINS FARM									8.71		4.81	27	.0				7	5	2
DAISY									5.25		1.74	14					9	5	2

See Reference Notes Following Station Index

ARKANSAS
JULY 1948

TABLE 2 — Continued
CLIMATOLOGICAL DATA

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT								PRECIPITATION, IN INCHES									
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	NO. OF DAYS		TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOWFALL (UNMELTED)			NO. OF DAYS		
							MAX. 90° OR ABOVE	MIN. 32° OR BELOW					TOTAL	GREATEST DEPTH ON GROUND	DATE	.01 INCH OR MORE	.25 INCH OR MORE	1.00 INCH OR MORE
DANVILLE									5.15	+ 1.99	1.40	23	.0			16	6	1
DARDANELLE	80.5	- 1.8	97	10+	60	2+	21	0	4.92	+ 1.54	1.84	6	.0			10	6	1
DE QUEEN	81.2	+ 0.1	97	25+	62	2	21	0	2.39	- 1.60	1.15	5	.0			7	3	1
DENVER									3.93		1.10	26				11	7	1
DERMOTT									3.51		1.40	26	.0			6	5	1
DES ARC	81.4		98	4	60	2	26	0	3.93		1.13	13	.0			8	5	1
DEVILS KNOB	75.4		97	21	57	23	9	0	5.01		2.31	11	.0			7	6	1
DUMAS 1	82.1	- 0.3	101	15	59	2	23	0	6.95	+ 2.97	3.36	27	.0			9	3	3
DUMAS 2									6.71		2.07	29				9	4	4
DURHAM									3.84		1.01	18				11	6	1
EAGLE GAP									8.42		2.95	8	.0			13	7	3
EL DORADO AP	84.9	+ 2.3	104	26+	61	3	31	0	1.68	- 2.76	.57	6	.0			11	2	0
ELKINS									4.92		1.00	27	.0			11	9	1
EUREKA SPRINGS	77.6	- 1.4	94	27	59	1	10	0	6.69	+ 2.98	1.88	26	.0			12	8	2
EVENING SHADE									3.92		2.00	13	.0			6	4	1
FAYETTEVILLE	78.1		93	25+	56	1	11	0	6.02		1.08	15	.0			13	8	1
FAYETTEVILLE EX S	77.6	- 1.2	94	14+	56	4	12	0	4.54	+ 0.84	.97	15	.0			13	5	0
FORDYCE	84.3M	+ 2.3	101	15	63	29	31		4.23	+ 1.11	1.50	14	.0			6	5	2
FOREMAN									1.48		.49	31				5	3	0
FORESTER									4.06		1.27	12	.0			11	5	1
FORREST CITY									5.82		2.24	13				6	5	2
FORT SMITH WB AIRPORT	81.5		99	25	62	1	22	0	1.62	- 1.75	.38	13	.0			13	2	0
FORT SMITH WTR PLNT									4.09		1.82	16	.0			11	6	1
FOUNTAIN HILL									3.50		1.85	12	.0			5	4	1
FULTON									5.06	+ 1.50	1.19	28	.0			10	8	1
GARLAND									3.10		.63	18	.0			7	5	0
GEORGETOWN									6.75	+ 3.63	2.93	13	.0			7	7	2
GILBERT	77.7		97	8	55	2	21	0	3.95	+ 1.07	1.19	12	.0			13	5	1
GLENWOOD									2.75		1.09	19	.0			6	3	2
GRANNIS	78.9	- 0.6	94	25+	58	3	23	0	8.46	+ 3.91	4.10	12	.0			11	6	2
GRAVELLY									6.95		1.35	23	.0			14	7	4
GRAVETTE	77.8	- 0.6	95	27	58	1+	11	0	5.27	+ 1.76	1.25	26	.0			12	4	3
GREEN FOREST									5.04		.91	28	.0			10	8	0
GREEN MOUNTAIN	75.9		98	7	60	2+	4	0	1.72		.60	12	.0			5	4	0
GREENWOOD									6.68		1.55	23	.0			14	10	2
GURDON									5.84		2.85	18	.0			8	5	2
HAMPTON									3.77		1.95	26	.0			3	3	2
HARDY									1.48		.48	8				5	3	0
HARRISON	76.9	- 1.2	94	7+	53	2	20	0	6.34	+ 2.95	.85	26	.0			14	10	0
HARRISON AIRWAY	76.6		94	17	55	1+	9	0	6.09		.90	26	.0			13	10	0
HEBER SPRINGS 3SW									1.43		1.08	13				4	1	1
HECTOR									5.45		1.42	27	.0			10	5	3
HELENA	82.8	+ 1.4	98	8	64	2	27	0	5.61	+ 1.76	1.33	27	.0			9	5	3
HENDERSON									3.09		.82	18	.0			10	4	0
HOPE	82.7	+ 1.0	100	26	60	2	27	0	2.56	- 1.79	1.07	14	.0			9	4	1
HOPPER									3.86		1.80	15	.0			6	4	2
HORATIO									3.65		1.95	18	.0			5	3	2
HOT SPRINGS	82.5	+ 0.2	102	26	61	2	28	0	2.49	- 1.62	1.18	7	.0			9	3	1
HUNTSVILLE									4.50		1.56	18				8	4	2
HUTTIG DAM									2.26		.72	17	.0			12	3	0
JASPER									6.53		1.51	28	.0			14	10	2
JESSIEVILLE									2.75	- 0.70	.80	23	.0			10	4	0
JONESBORO	80.3	- 1.0	97	7	59	2	20	0	1.73	- 1.50	1.02	31	.0			10	1	1
KEO	71.3		97	16+	58	2	26	0	5.66		2.60	16	.0			12	4	2
LAKE CITY									2.34		.93	10	.0			9	4	0

See Reference Notes Following Station Index

TABLE 2 — Continued
CLIMATOLOGICAL DATA

ARKANSAS

JULY 1948

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT								PRECIPITATION, IN INCHES									
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	NO. OF DAYS		TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOWFALL (UNMELTED)			NO. OF DAYS		
							MAX. 90° OR ABOVE	MIN. 32° OR BELOW					TOTAL	GREATEST DEPTH ON GROUND	DATE	.01 INCH OR MORE	.25 INCH OR MORE	1.00 INCH OR MORE
LEAD HILL	78.3	- 1.8	95	7+	53	2	22	0	3.38	- 0.31	1.06	16	.0			7	5	1
LEE CREEK									3.07		.84	19	.0			11	5	0
LEOLA									2.82		.72	6	.0			7	5	0
LITTLE ROCK WB AP	82.1	+ 1.2	98	25	63	2	24	0	3.41	- 0.09	1.11	13	.0			13	4	1
LITTLE ROCK FILT PL									5.85		1.24	13	.0			13	6	3
LOCK AND DAM NO 3									1.88		.85	8	.0			9	3	0
LOST CORNER									3.21		1.01	13	.0			12	5	1
LURTON									2.77		.93	12	.0			15	4	0
LUTHERVILLE	78.5	- 1.8	94	7+	58	2	20	0	3.76	+ 0.22	1.83	13	.0			9	4	1
MADISON									5.10	+ 0.30	2.25	13	.0			6	4	2
MAGNOLIA	84.7	+ 2.2	105	25	63	2	30	0	2.27	- 1.74	.93	18	.0			5	4	0
MALVERN	83.1		101	17	61	2	31	0	2.70		1.25	7	.0			11	3	1
MAMMOTH SPRING	77.8	- 1.2	97	8	52	1	23	0	1.50	- 2.00	.63	8	.0			6	2	0
MARIANNA	80.7	- 0.5	97	7	59	2	26	0	6.02	+ 2.63	2.15	27	.0			8	5	3
MARKED TREE	81.0		98	31	59	2	27	0	2.25	- 1.36	1.20	13	.0			5	3	1
MARSHALL	77.3	- 1.8	93	7+	54	1+	13	0	4.07	+ 0.50	1.38	22	.0			13	5	1
MARVELL									3.92		1.88	13	.0			5	3	1
MAUMEE									4.12		.98	11	.0			12	6	0
MELBOURNE									2.17		.75	17	.0			5	4	0
MENA	80.7	+ 0.4	96	17+	59	2	24	0	6.02	+ 2.14	2.04	6	.0			13	6	2
MONTICELLO	83.4		99	8+	65	2	29	0	4.20		1.82	16	.0			8	4	1
MOROBAY L D 8									2.22		1.30	11	.0			6	2	1
MORRILTON	81.7	- 0.9	99	17+	60	2	27	0										
MOUNT IDA 1	80.3	+ 0.4	99	30	53	2	28	0	3.00	- 0.50	.61	13	.0			10	5	0
MOUNT IDA 2									2.23		.50	13+	.0			10	4	0
MOUNTAIN HOME	77.3	- 2.1	95	7	54	2	11	0	2.70	- 0.82	.70	10	.0			9	5	0
MOUNTAIN VIEW									3.90		1.49	8	.0			9	3	2
MOUNTAINBURG									4.20		1.62	15	.0			13	6	1
MULBERRY									4.01		1.75	15	.0			8	6	1
NASHVILLE	82.4M		101	26	61	2	27	0	2.97		1.02	12	.0			10	5	1
NATHAN									3.44		.85	14+	.0			8	5	0
NEWPORT	81.9	+ 0.4	101	7	61	2	27	0	3.57	+ 0.35	1.20	19	.0			7	4	2
NIMROD DAM	80.0		100	21	56	2	21	0	6.96		1.90	23	.0			13	8	2
NORFORK DAM	78.8		98	8	53	2	19	0	1.08		.37	18	.0			5	2	0
ODELL									2.65		.71	4	.0			12	3	0
OKAY	83.5	+ 0.6	101	25	59	2	31	0	2.94	- 0.66	1.53	14	.0			7	3	1
OSCEOLA									3.62	+ 0.25	1.00	19+	.0			5	5	2
OWENSVILLE									5.31		1.99	6	.0			12	6	1
OZARK	80.5	- 1.7	97	22	60	1+	25	0	2.35	- 0.82	.65	15	.0			8	3	0
PARAGOULD	80.0		97	7	55	2	26	0	5.65	+ 2.43	2.05	13	.0			7	3	3
PARKIN									4.57	+ 1.15	2.39	13	.0			4	4	2
PARTHENON									5.51		2.10	27	.0			10	5	1
PERRYVILLE					57	5		0	5.53	+ 1.28			.0			10		
PINE BLUFF	83.8	+ 1.3	100	8	64	2	30	0	9.09	+ 5.49	2.69	19	.0			11	7	3
PINE RIDGE									3.73	+ 0.04	.77	6	.0			12	5	0
POCAHONTAS 1	80.9	+ 0.3	99	7	56	2	25	0	1.71	- 2.28	1.30	19	.0			4	2	1
PORTLAND	83.4	+ 1.6	100	24+	64	2	30	0	1.20	- 2.73	.79	13	.0			4	1	0
PRESCOTT	82.5	+ 0.1	100	26	60	2	30	0	2.96	- 0.58	1.00	19	.0			7	3	1
PRESCOTT SCS									3.24		1.05	18				11	3	1
PYATT									5.63		1.85	12				10	6	2
RATCLIFF									5.58		1.70	19	.0			7	7	2
RAVANA									3.11		1.45	27				7	3	1
RED STAR									3.96		.50	27	.0			10	5	0
ROCKHOUSE									7.15		1.75	13	.0			8	6	4
ROGERS	76.9	- 1.1	94	27	55	1	12	0	7.07	+ 3.39	2.24	18	.0			13	8	2

See Reference Notes Following Station Index

ARKANSAS
JULY 1948

TABLE 2 — Continued
CLIMATOLOGICAL DATA

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT								PRECIPITATION, IN INCHES									
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	NO. OF DAYS		TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOWFALL (UNMELTED)			NO. OF DAYS		
							MAX. 90° OR ABOVE	MIN. 32° OR BELOW					TOTAL	GREATEST DEPTH ON GROUND	DATE	.01 INCH OR MORE	.25 INCH OR MORE	1.00 INCH OR MORE
RUSSELLVILLE	80.9	- 0.6	97	25	58	2	24	0	3.68	- 0.42	1.27	12	.0			10	7	1
SAINT CHARLES	81.2M		96	5+	60	1		0	5.55		1.63	18	.0			5	5	3
SAINT FRANCIS									2.11	- 1.94	.82	18	.0			5	3	0
SEARCY	82.0	+ 0.6	99	29+	59	2	26	0	2.85	- 0.10	1.33	13	.0			10	3	1
SHERIDAN	80.1M																	
SHIRLEY									2.40		.76	13	.0			9	3	0
SILAM SPRINGS	77.7M		94	27	58	1+	13		2.85		1.34	26	.0			10	4	1
SMITHVILLE									5.81		2.22	30	.0			8	5	2
STEVE									7.36		1.30	23	.0			13	11	1
STORY									5.17	+ 1.70	1.65	14	.0			11	7	1
STUTTGART	81.2	- 0.1	93	30+	63	1	24	0	6.83	+ 3.04	2.85	27	.0			10	5	2
STUTTGART 9ESE	81.5	- 0.1	95	8	64	2	24	0	4.79	+ 0.70	1.38	14	.0			12	4	2
SUBIACO			95	20+			17		5.06	+ 1.89	2.30	15	.0			10	6	2
SUGAR GROVE									6.21		1.57	23	.0			10	6	2
SUGAR LOAF MTN									1.90		.59	13	.0			9	2	0
TAYLOR									3.87		.91	10	.0			6	6	0
TEXARKANA WB AIRPORT //	83.4	+ 0.9	100	25	63	2	27	0	3.71	- 0.40	1.26	31	.0			8	5	1
TURNPIKE			88	7			0		3.88	+ 0.60	1.10	13	.0			10	5	1
VIOLA									1.95		.90	5	.0			4	3	0
WALDRON	80.4		99	17	55	2	25	0	6.60	+ 3.73	1.48	23	.0			10	6	4
WALNUT GROVE									.84		.34	14	.0			5	1	0
WARREN	83.5	+ 1.1	98	7+	64	28	30	0	4.48	+ 0.59	1.84	28	.0			5	3	3
WEDINGTON LAKE									4.25		1.29	26				10	7	1
WEST FORK									2.76		.89	27				12	4	0
WHEELING									3.08		1.15	12				9	4	1
WHITE ROCK	75.5		89	14+	60	2	0	0	4.99		1.24	3	.0			14	5	2
WHITECLIFFS									2.93	+ 0.24	1.26	28	.0			5	4	1
WINFREY									2.01		.58	14				8	4	0
WING									5.37		1.62	23				11	5	2
WYNNE	81.1	+ 0.1	97	7	62	2	22	0	2.20	- 1.36	.90	13	.0			9	3	0
YELLVILLE									3.73				.0			5		
STATE	80.5	0.0	105	25	51	2	22	0	4.11	+ 0.44	4.81	27	.0			9	5	1

See Reference Notes Following Station Index

ARKANSAS
JULY 1948

- 67 -

ARKANSAS
JULY 1948

See Reference Notes Following Station Index

TABLE 3 — Continued

DAILY PRECIPITATION

ARKANSAS
JULY 1948

STATION	DAY OF MONTH																															TOTAL	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
TURNPIKE				.12	.52		.08	.12			.21	.59	1.10		.75		.45	1.10								.25	.14					3.88	
VIOLA					.90								.50														.10					1.95	
WALDRON	Z		.10	T	1.10	.04	.40						.86		T	T	T	1.10				1.30	1.48	.12		T				.10		6.60	
WALNUT GROVE						.12								.34				.15	1.22				T	.13	.22							.84	
WARREN												1.05	T															1.84				4.48	
WEDINGTON LAKE	R		.46	.59							.05	.59			.44	.08		.80					.25			1.29	.10					4.25	
WEST FORK	R		.29	.02				.09			.12	.06		.40		.05	.09	.08						.05		.62	.89					2.76	
WHEELING	R						.22					1.15	.10			.23	.25	.05					.18		.08					.30		3.08	
WHITE ROCK			1.24	.24				.06		.21	.11	.18	.20		.80		T	.04	.45				.05		.08	1.00			.33			4.99	
WHITECLIFFS											.77	.51		.29				.10									T	1.26		T		2.95	
WINFREY	R									.29		.07		.58			.09													.52		2.01	
WING	R				1.30	.30	.10				.23	.02					.70	.17				.78	1.62	.05	.06	.35						5.37	
WYNNE										.05		.48	.90			.03		.10	.04				.48	.11								.01	2.20
YELLVILLE							.48					1.00					.50					1.75										3.73	

See Reference Notes Following Station Index

ARKANSAS
JULY 1948

See Reference Notes Following Station Index

ARKANSAS
JULY 1948

See Reference Notes Following Station Index

ARKANSAS
JULY 1948

TABLE 4 — Continued
HOURLY PRECIPITATION

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
NIMROD DAM																	.08								.08
PARTHENON		.01	.01														.03	.05	.09	.01					.20
PINE BLUFF 3N																		.16							.16
PYATT																	.03								.02
RAVANA							.01	.02	.01																.04
REMMEL DAM																		.06	.01						.07
STUTTGART 9ESE														.35											.35
WEDINGTON LAKE																				.05					.05
WEST FORK												12th					.07						.05		.12
ALUM FORK					.01	.03																			.04
ALY					.04															.02					.06
APPLETON						.20																			.20
ARKADELPHIA					.10	.15																			.25
AUGUSTA																		*	*	*	*	*	*	*	*
BATESVILLE L D 1																						.02			.02
BERRYVILLE									.05						.15		.05	.12	.03	.17	.03		.02		.62
BLUE MOUNTAIN DAM																									.08
BOONEVILLE					.03													.03							.06
BULL SHOALS DAM																.02	.20	.10		.02	.05	.03	.10	.02	.54
COMBS				.13	.01																				.14
CORNING															.01			.03	.01						.05
DAISY		.04	.31	.03	.04	.01		.02																	.45
DANVILLE																									.30
DENVER																			.08		.48				.56
FOREMAN			.11	.01	.01			.03	.07																.23
FORREST CITY														.04					.02	.18	.26				.50
FORT SMITH WB AIRPORT	.02		.01	.03	.02	.01																			.09
GILBERT								.05																	.05
HAROL																						.44	.01		.45
HEBER SPRINGS 3SW													.05	.01		.09							.02		.17
HUNTSVILLE					.04	.01			.50	.55	.18														1.28
HUTTIG DAM								.02																	.02
LITTLE ROCK WB AP																									.77
MAUMEE								.02									.03					.02			.07
MENA		.05	.15	.02		.03																	.20		.57
MONTICELLO										.06	.01									.12					.26
MONTROSE											.10		.35	.02	.08	.11									.81
MOUNT IDA 1				.08	.05																				.13
MOUNTAIN HOME																									.28
NASHVILLE SCS	.06		.34	.42					.05		.08					.10		.02			.03			.05	.87
NIMROD DAM					.02	.01																			.03
NORFORK DAM													.25												.25
PRESCOTT SCS					.20											.02	.10	.05							.22
PYATT			.01	.01													.10	.05		.03	.25	.52	.63	.12	.13
RAVANA						.18			.20																1.85
SMITHVILLE																									.38
TEXARKANA WB AP //				.02																		.03	.67	.38	1.08
WALDRON				.02		.06																			.02
WEDINGTON LAKE																									.73
WEST FORK																	.09	.30		.35	.05				.25
WHEELING																									.06
WINFREY		.07										.70	.30	.05	.03			.06					.05	.02	1.15
WING																							.05	.18	.23
													13th												
ALICIA													.51												.51
ALUM FORK				.03	.23	.14											.45	.01	.01	.01		.02			.90
ALY		.01																							.29
APPLETON		.40	.78	.17	.05	.05			.25	.45															2.15
AUGUSTA	*	*	*	*	*	*	1.58	*	*	*	*	*	*	*	*	*	.08								1.66
BATESVILLE L D 1										.16							.22								.38
BEAR CREEK LAKE																									
BERRYVILLE						.03																			.68
BOTKINBURG								.30											.65						.55
BRINKLEY //	.16		.14	.05	.20	.06		.08	.02	.02		.09	.06	.20	.05										1.76
CANAAN																									
CLARKSVILLE			.30	.03	.02				.15																.50
CORNING				.01	.01							.05													.07
DANVILLE									.10	.09															.19
DUMAS 2																						.07			.07
FORREST CITY		.12	.12	.56	1.30	.12	.02																		2.24
FORT SMITH WB AIRPORT	.19	.17		.02																					.38
GILBERT													.63												.63
HARDY		.05	.12	.02	.01																				.20
HEBER SPRINGS 3SW	.01	.05		.01	.01	.20		.03	.02						.70				.05						1.08
HUNTSVILLE			.01																						.01
LITTLE ROCK WB AP		.01				.18	.37	.03		.05						.47									

TABLE 4 — Continued

HOURLY PRECIPITATION

ARKANSAS
JULY 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
MARIANNA								*	.20																.20
MONTICELLO				.05	.01																				.06
MOROBAY L D 8						.02																			.22
NASHVILLE SCS			.55	.11	.01	.03			.20																.75
PINE BLUFF 3N									.05							.70									.70
PRESCOTT SCS			.30	.40	.10																				.80
SMITHVILLE											.04														.04
WEST FORK		.05	.35																						.40
WINFREY			.53	.04	.01																				.58
15th																									
ALUM FORK						.13			.01	.01	.01							.25	.03						.44
ALY	.05				.01	.01			.02									.21							.30
APPLETON					.02	.10	.05																		.17
BERRYVILLE			.15	.07																					.22
BLUE MOUNTAIN OAM		.03	.02	.30	.50	.65											.02								1.52
BOONEVILLE				.10																					.10
BOTKINBURG						.05	.02																		.07
CARPENTER OAM								.04																	.04
CLARKSVILLE				.33	.05	.05																			.43
COMBS			.57	.06	.02																				.65
OANVILLE	.10	.10		.10	.05																				.35
OENVER				.32	.08																				.40
FORT SMITH WB AIRPORT				.06																					.06
GILBERT													.05												.05
HUNTSVILLE			.15	.05																					.20
HUTTIG OAM											.32														.32
LITTLE ROCK WB AP																		.01	.19						.20
MAUMEE						.03	.01																		.04
NIMROD OAM	*	*	*	*	*	.90																			.90
PARTHENON				.84	.10	.03																			.97
PYATT				.30	.09	.02																			.41
REMMEL OAM							.23																		.23
WEOINGTON LAKE	*	*	*	*	*	.44																			.44
16th																									
ALUM FORK																.19	*	.46							.19
AUGUSTA																	*								.46
BATESVILLE L O 1																.18									.18
BEAR CREEK LAKE																		1.10							1.10
BLUE MOUNTAIN DAM															.22										.22
BOONEVILLE				.07	.03										.07	.03									.10
BRINKLEY //																	.40	.05	.01						.46
BULL SHOALS OAM															.27	.10									.37
CARPENTER OAM																	.22								.22
COMPTON													.16												.16
OENVER													.66	.02											.68
OUMAS 2													.10	1.60	.05		.02								1.77
HUNTSVILLE													.08												.08
HUTTIG OAM																	.40	.20	.02						.62
KINGSLAND				.22	.01		.01	.01											.03						.25
LITTLE ROCK WB AP																			1.05						1.05
MARIANNA															.11	.02									.13
MAUMEE																1.49	.29	.01	.01			.01			1.81
MONTICELLO						.05																			.05
MOUNT IDA 1																	.25								.25
MOUNTAIN HOME																	.05								.05
NIMROD OAM																	.30								.30
NORFORK OAM																									.44
PARTHENON												.09	.16	.17					.02						.88
PYATT														.88											.08
REMMEL OAM								*	*	*	.08						.08								.08
WEOINGTON LAKE									.05			.08													.08
WEST FORK																									.05
WHEELING																	.23								.23
17th																									
ALY																	.72	.02							.74
BEAR CREEK LAKE //																			.70	.05					.75
BRINKLEY //									.02	.01	.01												.05		.04
BULL SHOALS DAM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.05
CANAAN																			.70	.05					.85
CORNING																									.92
KINGSLAND																			.30	.60	.02				.24
MAGNOLIA																	.03	.17	.04						.21
MENA																	.05	.10	.03		.02	.01			.10
MOROBAY L O 8																		.10							.38
MOUNT IDA 1																						.10	.10	.18	.20
MOUNTAIN HOME																									.03
NASHVILLE SCS																		.03		.13	.06	.01			.38
NIMROD OAM																							.10	.28	.02
NORFORK OAM																									.38
PRESCOTT SCS																									.02
REMMEL OAM															.08	.95					.02				1.03
STUTTGART 9ESE //																.04		.23	.40	.15					.04
TEXARKANA WB AP //													.09												.78
WEST FORK																									.09
WHEELING																								.25	.25
WINFREY												.07	.01	.01											.09

ARKANSAS
JULY 1948

See Reference Notes Following Station Index

TABLE 4 — Continued

HOURLY PRECIPITATION

ARKANSAS
JULY 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
OANVILLE																.20									.20
FORT SMITH WB AIRPORT			.02	.01																					.03
GILBERT																.06	.13								.13
HUTTIG OAM																.07	.02	.01							.06
MENA																	.25	.15							.10
NIMROD DAM						.02											.08								.42
PRESCOTT SCS																		.02							.08
REMMEL OAM																									.02
STUTTGART 9ESE					.12	.01	.02										.12								.15
WALORON																									.12
WEST FORK							.05																		.05
WINFREY																			.05						.05
WING																	.05			.05					.05
25th																									
ALY							.03	.01				.01													.05
AUGUSTA																									.12
HUTTIG DAM																	.02					.12			.02
KINGSLAND																									
MONTICELLO																	.36								.36
MOUNTAIN HOME																						.01	.02	.01	.04
RAVANA																.05	.08	.01							.14
WINFREY						.05			.01																.06
26th																									
ALUM FORK																	.06	.05							.11
APPLETON									.50	.16							.17		.01	.02					.86
BEAR CREEK LAKE																									1.22
BERRYVILLE					.20	.40	.32	.08	.35				.05								.30	.84	.05	.03	1.40
BLUE MOUNTAIN OAM								.02	.03	.01	.02														.06
BOONEVILLE								.02	.03	.01	.02														.08
BRINKLEY																					.30	.33	.05	.02	.70
CAMOEN 2																			.10						.10
CANAAN									.10	.25															.35
COMBS							.35	.15	.15	.05	.05														.75
COMPTON						.10	.40	.30	.10						.02										.92
OANVILLE									.42	.03															.45
OENVER				.05	.11	.28	.20	.28	.14	.04															1.10
OURHAM				.10	.25	.15	.06	.05																	.61
FORREST CITY																						.74	.02		.76
FORT SMITH WB AIRPORT					.09	.02		.12	.02	.01															.26
GILBERT							.20	.29	.01	.01			.01												.52
HUNTSVILLE					.03	.15	.30	.37	.07																.92
HUTTIG OAM		.02																							.02
KINGSLAND					.01	.6	.55																		1.86
LITTLE ROCK WB AP																			.29	.02	.05	.01		.68	.33
MARIANNA																					1.55	.38	.02	.03	1.98
MAUMEE								.15	.35	.05															.55
MONTICELLO																								.04	.25
MOUNTAIN HOME						.04	.01	.04	.16																.21
NORFORK OAM									.19	.02															.98
PARTHENON							.50	.33	.12	.03															.21
PINE BLUFF 3N																			.15	.25		.58	.02		1.00
PYATT							.10	.40	.05	.10															.65
STUTTGART 9ESE																									
TEXARKANA WB AP										.06														.58	.58
WALORON								.45	.28	.01															.06
WEOINGTON LAKE					.10	.25	.10	.12	.05																1.29
WEST FORK						.09	.08	.08	.04	.01	.03	.02													.62
WINFREY																									.35
WING			.04	.06																					.10
27th																									
ALUM FORK				.23	.07																				.30
ARKAOLPHIA				.01	.20			.75	.09	.01	.80	.01	.02												1.89
BATESVILLE L O 1																		.01							.01
BEAR CREEK LAKE	.01			.06	.04																				.11
BLUE MOUNTAIN OAM			.12																						.12
BOTKINBURG									.07																.07
BRINKLEY							.05																		.05
CAMOEN 2									.50	.05	.10														.65
CARPENTER OAM					.12	1.11	.05																		1.28
COMBS																		.80	1.05						1.85
DAISY				.05																					.05
OENVER																.04	.06	.04							.14
OMAS 2														.17	.02										.19
OURHAM																	.08	.07	.03						.18
FOREMAN								.30																	.30
FORT SMITH WB AIRPORT																	.02								.02
GILBERT																	.55	.03	.02						.60
HEBER SPRINGS 3SW																				.12	.01				.13
HUTTIG OAM			.10	.05						.05			.25	.15											.55
KINGSLAND						.01	.23															.23	.01		.48
LITTLE ROCK WB AP						.01	.13																		.16
MARIANNA	.01	.01		.01													.30	.12	.01						.43
MAUMEE																									.69
MONTICELLO	.14	.23	.05	.04	.01			.05	.10	.05	.02			.2											

ARKANSAS
JULY 1948

See Reference Notes Following Station Index

TABLE 5
DAILY TEMPERATURES (° FAHRENHEIT)

ARKANSAS
JULY 1948

STATION		DAY OF MONTH																															MEAN
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALUM FORK	MAX MIN	87 62	88 60	91 63	90 68	84 67	87 67	93 72	94 74	92 68	92 67	95 70	90 70	90 70	94 71	94 70	94 70	95 67	91 67	93 67	93 72	94 75	96 72	88 69	87 70	97 70	92 71	90 71	93 70	92 70	95 71	89 71	91.6 69.1
ARKADELPHIA	MAX MIN	93 68	90 60	92 66	96 68	83 72	90 68	93 70	97 69	96 68	97 70	97 70	94 70	93 71	96 71	95 72	98 71	100 72	100 68	97 69	96 71	99 71	99 71	100 71	100 74	97 73	102 73	100 73	91 70	95 70	95 70	98 75	95.8 70.3
ASHOOWN	MAX MIN	89 56	90 66	91 67	87 70	93 65	94 70	98 65	96 64	96 64	95 65	90 68	92 70	94 69	97 69	97 69	98 70	98 67	96 66	96 71	97 73	100 80	96 71	97 75	95 68	100 71	97 71	84 68	93 70	94 68	94 72	86 60	94.2 68.3
BATESVILLE AIRWAY	MAX MIN	82 54	86 57	92 64	85 70	90 70	85 67	96 67	89 67	90 64	88 72	90 69	85 72	89 72	92 72	94 71	95 72	91 69	92 67	94 73	94 74	93 71	82 69	85 65	93 67	88 70	94 73	94 66	95 72	94 66	87 63	90.3 68.6	
BATESVILLE LIVESTCK	MAX MIN	89 52	83 52	86 60	83 67	85 68	63	88 70	97 64	89 60	90 68	89 64	90 68	89 69	88 70	94 70	94 67	92 68	95 69	94 65	93 71	95 72	94 69	90 67	80 62	90 62	93 71	89 67	94 62	94 68	94 69	94 60	90.5 65.6
BEE BRANCH	MAX MIN	85 56	83 57	90 60	85 70	90 70	86 64	96 72	93 69	93 63	93 68	88 67	86 70	88 71	94 71	94 72	93 71	92 69	91 65	91 70	93 71	93 70	85 71	87 67	93 70	89 69	92 70	93 65	92 70	94 68	91 69	90.5 67.9	
BENTON	MAX MIN	90 66	90 65	91 64	91 65	94 66	94 62	89 69	94 68	93 63	92 70	94 68	93 67	90 72	95 71	95 70	94 69	94 68	95 68	95 66	92 72	93 72	93 70	95 73	90 69	90 70	98 71	95 70	91 69	95 66	96 73	93.1 68.5	
BENTONVILLE	MAX MIN	85 57	87 59	85 62	78 66	83 69	90 67	89 66	97 65	96 65	92 65	89 67	87 67	85 66	94 66	85 63	85 68	92 63	87 62	93 69	91 72	92 72	81 67	84 63	91 68	92 63	87 64	94 66	92 68	88 71	83 68	88.4 65.5	
BETHESOA	MAX MIN	86 52	82 51	84 59	90 66	82 68	90 64	87 68	95 65	87 60	81 68	86 64	79 67	85 68	87 69	91 66	92 66	87 67	92 67	89 70	93 70	92 70	93 68	80 62	92 63	92 70	92 62	93 60	93 68	93 67	88.7 64.8		
BLITHEVILLE	MAX MIN	92 61	85 60	90 67	95 75	96 75	92 72	92 74	98 69	92 70	94 72	93 69	92 73	85 71	92 75	95 74	92 74	93 71	96 68	90 72	94 76	95 75	95 72	82 62	86 64	90 74	90 74	95 76	94 75	95 74	98 70	92.2 71.2	
BOONEVILLE	MAX MIN	89 59	86 57	81 65	84 70	89 66	92 69	93 70	95 67	94 70	92 70	92 71	95 71	96 73	95 71	95 72	95 71	95 70	94 69	95 71	96 75	99 72	87 70	90 72	96 72	93 74	95 76	93 69	95 74	90 71	93 71	92.2 70.0	
BRINKLEY	MAX MIN	86 60	88 57	95 72	95 72	92 73	94 67	97 68	94 69	95 65	92 70	94 70	93 72	90 70	94 73	93 70	94 73	95 70	92 65	95 60	93 74	95 71	88 69	94 72	91 69	92 71	95 73	95 73	97 73	89 70	93.0 69.9		
CAMDEN 1	MAX MIN	93 69	91 59	96 68	98 70	85 69	95 71	95 70	98 71	98 66	98 70	99 71	92 72	93 74	95 71	94 71	96 73	96 72	101 70	95 70	95 75	94 76	96 76	96 73	99 76	97 73	99 77	99 74	89 72	98 73	98 74	95.6 71.6	
CAMP CHAFFEE	MAX MIN	81 62	88 61	87 58		80 72	89 68	92 72	93 70	94 69	94 69	93 72	92 72	92 74	94 73	96 70	92 73	95 64		97 69	96 72	96 73	99 71	97 71	86 72	93 71	98 75	90 75	97 74	96 72		92.5 70.2	
CONWAY	MAX MIN	86 58	88 57	93 64	81 69	92 68	84 66	97 70	94 69	94 63	94 63	91 69	92 69	96 70	90 71	95 71	94 68	93 69	95 67	95 73	96 73	95 72	90 69	90 69	96 69	90 69	95 71	90 70	95 67	95 71	98 69	93.2 68.2	
CORNING	MAX MIN	88 58	83 57	89 62	93 72	91 72	94 72	90 70	96 66	90 72	93 67	91 67	92 71	87 72	94 71	93 70	93 70	95 71	97 67	89 70	90 72	94 76	94 76	93 71	83 61	85 63	91 74	84 72	94 71	95 74	94 69.5		
CROSSETT	MAX MIN	88 65	91 62	94 68	97 69	92 68	96 69	95 68	97 66	95 66	94 67	93 67	95 72	96 73	95 73	95 73	99 73	93 73	96 69	97 69	98 72	98 73	99 73	97 70	95 74	102 74	102 75	92 72	95 71	98 71	98 77	95.8 70.9	
CUMMINS FARM	MAX MIN	85 67	88 60	94 67	95 69	96 74	95 67	98 68	95 70	94 66	93 69	95 67	92 69	95 72	91 69	98 68	95 68	94 69	92 66	93 73	93 73	93 72	94 71	91 72	90 70	94 71	96 67	88 71	94 70	95 70	88 74	93.2 69.4	
OANVILLE	MAX MIN																																
OAROANELLE	MAX MIN	83 61	87 60	86 60	86 63	81 69	92 68	89 68	95 68	94 68	97 68	93 69	91 73	87 73	94 73	88 72	90 72	92 72	96 70	92 70	94 70	95 71	95 74	95 72	86 72	91 72	97 72	88 73	93 70	95 73	93 72	92 72	91.2 69.7
DE QUEEN	MAX MIN	88 69	87 62	86 64	85 69	90 69	89 69	84 71	93 70	94 68	94 69	87 68	89 70	91 73	94 70	94 73	95 73	96 72	89 69	93 72	93 72	95 74	95 74	95 74	92 75	97 72	95 74	94 77	94 71	93 72	97 70	91.6 70.8	
OES ARC	MAX MIN	89 67	83 60	86 62	98 68	92 73	91 67	89 68	96 70	91 66	93 71	90 71	91 71	93 72	90 70	94 75	93 74	96 71	95 72	93 72	94 73	95 75	94 74	95 72	91 69	88 69	94 72	91 71	92 72	94 73	95 71	92.3 70.4	
DEVILS KNOB	MAX MIN	80 64	76 61	79 60	78 62	80 63	83 61	85 60	86 62	88 64	85 62	83 62	81 63	85 66	87 66	86 65	88 64	86 66	89 65	93 66	95 66	97 67	96 64	89 57	88 62	90 64	84 65	87 66	93 66	92 68	90 65	86.8 63.9	
DOUMAS 1	MAX MIN	87 68	80 59	90 72	95 68	95 75	91 69	85 70	85 71	92 61	97 71	81 70	84 74	94 72	101 74	99 72	96 73	96 70	95 70	97 75	96 74	97 75	96 74	95 73	94 73	96 72	98 73	97 70	95 72	96 73	88 76	92.9 71.3	
EL OORAOO	MAX MIN	93 67	93 62	95 61	100 70	97 73	98 69	95 68	97 68	100 72	100 72	101 71	93 71	97 71	97 68	95 71	100 71	100 71	101 71	99 75	100 75	98 74	100 74	103 78	102 74	102 74	104 75	104 75	104 73	100 73	102 72	102 72	98.6 71.2
EUREKA SPRINGS	MAX MIN	85 59	83 60	82 63	80 64	88 67	89 64	91 70	90 68	89 68	87 65	88 68	88 68	92 69	88 67	88 65	90 65	92 65	87 63	91 66	90 70	92 73	91 75	86 75	81 68	89 64	92 65	90 70	89 73	83 60	87.6 67.5		
FAYETTEVILLE	MAX MIN	87 56	83 60	81 65	85 69	88 64	89 68	90 68	90 66	87 71	86 71	84 7																					

ARKANSAS
JULY 1948

TABLE 5 — Continued
DAILY TEMPERATURE (°FAHRENHEIT)

STATION		DAY OF MONTH																															MEAN
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HARRISON AIRWAY	MAX MIN	83 55	81 55	83 61	80 68	85 64	88 63	90 67	88 66	87 66	88 63	85 66	85 69	88 70	90 69	86 70	87 65	94 70	83 67	88 67	91 70	92 70	88 72	81 69	85 66	93 70	85 66	91 66	90 64	90 70	85 68	84 61	86.9 66.2
HELENA	MAX MIN	92 69	85 64	91 66	94 70	94 76	94 74	95 72	98 73	95 73	95 72	93 74	94 70	89 71	89 75	92 76	95 74	93 75	92 71	94 72	93 78	92 77	93 73	91 72	89 73	92 75	93 72	90 73	93 76	93 76	95 76	92.6 72.9	
HOPE	MAX MIN	91 69	89 60	89 67	93 69	89 71	92 67	93 70	93 71	95 68	96 69	97 69	91 71	93 74	95 67	95 69	96 75	96 73	97 70	94 68	95 73	95 75	97 75	97 72	97 75	97 72	100 72	96 75	88 72	97 74	96 73	97 76	94.3 71.1
HOT SPRINGS	MAX MIN	94 66	92 61	92 63	89 68	87 70	90 66	87 66	97 72	97 68	96 68	96 71	93 70	90 72	93 72	96 73	97 71	100 71	94 72	92 69	96 70	98 75	96 75	97 70	92 73	93 73	102 73	97 73	92 71	96 74	98 74	98 74	94.4 70.5
JONESBORO	MAX MIN	81 63	89 59	92 62	93 68	93 73	87 70	97 71	89 71	92 68	89 69	90 67	89 73	88 71	92 72	92 72	95 73	94 71	93 72	94 68	93 72	93 75	93 75	82 71	85 63	93 64	85 69	95 71	94 72	95 72	95 74	85 66	90.9 69.6
KEO	MAX MIN	84 62	89 58	94 65	90 71	91 65	96 69	94 68	94 64	92 68	94 71	88 70	93 72	92 74	95 72	97 68	96 73	93 71	94 71	94 69	94 74	94 74	95 72	92 72	89 71	97 72	94 72	92 72	95 72	96 70	89 76	93.0 69.6	
LEAO HILL	MAX MIN	85 54	86 53	89 61	82 69	90 63	92 65	95 67	92 65	91 65	92 65	90 65	85 69	91 70	94 68	90 69	93 62	94 69	84 68	90 66	92 70	95 69	91 72	86 70	89 63	95 66	90 66	94 69	93 63	92 67	91 68	88 68	90.4 66.1
LITTLE ROCK WB AP	MAX MIN	85 66	83 63	91 69	85 74	90 73	87 69	93 74	96 73	94 72	93 72	88 71	92 71	91 74	95 74	95 73	94 72	93 72	92 71	95 69	95 76	94 76	96 73	89 72	87 73	98 73	94 75	91 73	92 74	95 73	97 73	90 70	92.0 72.1
LUTHERVILLE	MAX MIN	84 61	84 58	82 63	82 69	87 67	91 63	94 69	93 67	90 67	90 67	89 70	86 69	90 69	93 69	87 69	91 70	92 68	90 68	92 69	92 71	93 72	91 72	85 69	90 67	94 68	87 67	93 68	93 65	93 67	88 62	89.5 67.4	
MALVERN	MAX MIN	95 66	90 61	92 66	96 71	90 72	99 66	95 71	97 70	98 69	96 71	97 70	96 72	92 74	95 72	96 71	98 70	101 70	99 68	96 74	97 75	96 74	95 70	96 72	97 70	93 72	98 72	100 72	96 68	92 71	95 70	97 75	95.9 70.3
MAGNOLIA	MAX MIN	92 68	95 63	98 70	88 70	95 70	98 69	99 69	100 69	100 68	98 70	98 71	96 71	99 70	95 70	99 73	100 74	100 72	95 70	98 71	97 73	99 73	100 72	101 72	99 75	105 73	102 73	98 78	100 75	100 75	101 72	91 75	97.9 71.5
MAMMOTH SPRING	MAX MIN	82 52	86 54	90 58	89 59	91 62	91 68	97 61	90 65	92 60	90 67	89 66	90 69	90 68	94 65	92 61	95 68	89 67	90 69	94 69	95 66	95 66	95 66	87 60	82 60	94 64	88 64	95 67	96 72	92 58	90.9 64.6		
MARIANNA	MAX MIN	83 63	90 59	94 64	96 70	95 73	93 69	97 65	93 70	92 65	92 69	92 69	90 71	88 69	92 72	92 68	94 74	94 70	92 72	92 69	91 75	90 75	91 72	89 72	87 69	92 67	92 74	90 67	92 73	94 72	85 74	91.5 69.8	
MARKEO TREE	MAX MIN	90 61	95 59	91 61	95 70	97 72	96 69	90 69	97 66	93 66	93 66	95 71	89 69	88 71	92 73	93 70	95 73	96 72	94 70	95 69	95 71	94 75	94 73	94 70	85 66	93 66	92 71	92 71	96 73	94 67	98 66	93.3 68.7	
MARSHALL	MAX MIN	80 54	83 54	85 54	78 68	89 68	88 63	93 70	90 65	90 61	89 67	87 66	85 70	88 63	90 68	85 69	93 67	89 71	93 70	91 69	91 76	91 75	93 71	80 68	85 68	91 72	86 67	87 68	91 62	90 74	87 72	84.7 66.8	
MENA	MAX MIN	90 66	87 59	87 67	83 68	93 68	98 66	84 69	94 67	92 66	90 69	90 67	89 69	92 72	95 72	94 73	95 71	96 70	91 69	94 67	93 73	93 74	94 70	89 73	96 70	93 72	95 70	92 70	95 72	91 70	92 72	91.5 69.8	
MONTICELLO	MAX MIN	88 68	92 65	95 73	96 71	98 70	96 69	98 70	99 75	97 70	96 71	96 69	93 71	95 73	93 72	99 71	98 75	95 71	94 70	95 69	95 75	95 74	96 74	96 73	94 74	96 74	96 74	96 71	95 69	95 73	96 73	88 70	95.2 71.5
MORRILTON	MAX MIN	93 61	87 60	90 64	94 72	81 74	94 68	88 73	98 66	94 73	95 66	94 72	92 73	94 72	97 70	90 71	99 73	99 70	99 74	94 68	96 72	96 74	97 62	97 70	91 71	92 70	97 72	97 71	96 68	96 72	97 72	96 72	93.6 69.8
MOUNT IOA 1	MAX MIN	93 62	90 53	87 62	89 68	86 68	91 65	92 72	94 62	92 64	93 62	90 62	90 64	95 70	94 66	95 68	96 69	94 70	93 66	96 68	93 70	94 74	95 70	96 69	97 70	98 72	96 71	93 73	96 72	96 68	99 65	95 62	93.5 67.0
MOUNTAIN HOME	MAX MIN	82 56	83 54	87 63	79 69	88 66	89 67	95 70	89 66	89 62	86 68	87 68	87 69	90 69	91 72	89 64	92 67	84 66	89 67	93 71	93 71	90 71	83 68	85 65	84 68	85 67	93 69	92 64	92 65	89 61	85 61	88.1 66.5	
NASHVILLE	MAX MIN	92 72	89 61	91 62	90 71	87 72	96 70	94 71	93 69	96 70	97 71	97 68	92 70	91 71	93 69	95 71	95 73	96 72	96 70	93 69	94 72	95 74	94 74	97 74	94 75	95 73	91 72	98 77	89 71	95 71	95 68	94.0 70.8	
NEWPORT	MAX MIN	85 63	90 61	97 63	92 68	92 69	88 71	101 70	94 68	94 70	93 70	94 73	91 73	93 74	96 75	94 74	96 70	96 72	93 70	95 69	97 70	94 75	95 75	85 72	87 66	94 70	91 73	95 72	95 73	98 70	90 70	93.3 70.4	
NIMROD OAM	MAX MIN	92 57	87 56	87 62	89 71	79 69	92 67	86 69	91 68	92 64	93 65	94 69	89 70	87 70	89 72	95 68	92 69	96 70	99 69	95 74	97 73	90 71	92 71	96 67	92 68	96 70	94 72	89 71	88 72	94 68	91 71	94 68	91.6 68.3
NORFORK OAM	MAX MIN	89 55	85 53	86 60	88 66	82 66	92 66	92 69	98 65	96 61	93 66	89 67	91 71	88 68	89 68	95 71	91 65	94 66	95 69	85 66	93 66	96 70	96 70	95 67	84 64	88 67	95 72	89 68	95 64	95 69	96 65	91.3 66.2	
OOEN	MAX MIN	86 64	89 65	89 74	90 72	93 67	94 64	90 65	87 68	88 71								88 75	92 74	91 73	94 71	95 70	98 70	97 68									
OKAY	MAX MIN	92 65	91 59	92 69	93 70	95 69	95 69	95 69	96 69	98 68	97 69	97 69	92 71	95 71	97 71	97 73	98 74	98 71	97 69	96 74	97 76	98 76	96 75	97 75	101 73	99 76	92 73	95 71	95 75	96 71			

TABLE 5 — Continued
DAILY TEMPERATURE (°FAHRENHEIT)

ARKANSAS
JULY 1948

STATION		DAY OF MONTH																															MEAN	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
SAINT CHARLES	MAX	88	86	95	95	96	87	84	96	84											93	93	92	93	91	89	95	92	89	93	94	95	87	91.2
	MIN	60	66	72	74	69	70	71	68	70	71	73	72	71	75	74	72	69	68	75	75	75	72	70	70	74	71	73	73	73	74	74	63	71.1
SEARCY	MAX	84	88	95	87	90	85	98	94	93	94	93	93	91	93	92	96	97	93	96	96	96	97	89	90	97	90	95	98	99	99	92	93.2	
	MIN	60	59	65	72	73	67	71	72	68	72	71	70	72	73	74	73	72	73	69	74	75	74	73	69	70	72	72	70	73	72	71	70.7	
SHERIDAN	MAX	83	88	93	85	93	91	95	94	93	92	89	91	92	95	95	96	95	94	94	95	94	95	90	89	98	92	90	96	96	97		92.7	
	MIN	66	53	63	68	66	63	68	66	62	66	67	68	67	71	69	69	68	69	65	76	71	70	69	70	69	68	68	69	69	70		67.4	
SILOAM SPRINGS	MAX	86	83	80	83	89	89	92	91	91	85	87	84	90	92	86	86	92	88	90	92	92	88	83	90	93	88	94	92	89	83	85	88.1	
	MIN	58	60	63	69	66	63	67	66	66	67	69	70	69	68	66	66	70	67	67	74	75	75	69	66	93	88	94	92	89	73	58	67.2	
STUTTGART	MAX	83	85	90	86	92	90	92	91	90	91	91	90	88	90	91	92	92	90	90	91	91	91	87	85	92	92	87	92	91	93	93	90.0	
	MIN	63	67	71	71	70	71	73	70	72	75	73	72	72	76	73	73	74	70	72	76	75	74	71	72	74	72	72	75	74	75	75	72.4	
STUTTGART 9ESE	MAX	88	82	87	93	93	93	92	95	93	91	91	92	90	89	93	92	92	93	92	91	94	92	94	89	87	94	91	87	92	92	93	91.2	
	MIN	67	64	68	73	75	70	71	72	69	71	70	72	72	72	75	75	72	73	70	73	75	73	74	69	71	74	71	73	73	73	74	71.7	
SUBIACO	MAX	84	80	80	81	86	88	88	89	88	89	91	88	90	92	90	91	91	91	92	95	95	89	83	88	95	90	91	92	91	90	91	89.0	
	MIN																																	
TEXARKANA WB AIRPORT	MAX	90	91	92	90	93	94	89	96	96	94	87	93	95	96	97	97	97	95	96	95	96	98	96	94	100	96	82	93	95	94	87	93.7	
	MIN	69	63	71	71	70	59	73	75	72	69	70	72	76	74	76	76	74	73	74	75	76	75	76	76	77	76	73	74	75	73	70	73.0	
TURNPIKE	MAX	79	77	79	76	83	83	88	86	84	85	84	77	82	82	83	85	87	80	86	85	85	87	85	81	86	83	86	86	85	84	81	83.2	
	MIN	60	65	67	65	51	59	64	63	65	65	65	65	57	57	69	67	66	66	66	69	66	59	53	53	56	63	65	65	57	63			
WALORON	MAX	89	87	85	85	92	92	89	94	93	90	93	90	93	96	95	96	99	94	96	93	95	93	86	92	97	94	92	96	96	94	91	92.6	
	MIN	57	55	63	69	68	66	68	68	65	66	66	70	70	70	72	70	69	68	66	70	74	70	68	71	69	71	71	70	72	68	72	68.1	
WARREN	MAX	88	92	94	96	94	96	98	98	97	98	94	93	95	93	95	97	96	96	94	96	97	97	96	96	96	94	94	91	97	96	91	95.0	
	MIN	67	71	71	72	73	71	71	71	72	71	73	70	71	70	73	77	73	74	70	73	72	75	73	76	77	73	74	64	73	71	68	71.9	
WHITE ROCK	MAX	81	78	72	75	84	85	86	86	86	82	82	79	86	89	84	86	88	83	89	85	87	86	79	83	85	83	87	86	83	83	84	83.6	
	MIN	64	60	64	66	67	65	72	65	68	68	68	68	68	70	69	64	70	69	67	68	70	70	67	68	66	69	65	67	64	72	73	65	67.4
WYNNE	MAX	83	89	95	94	95	88	97	92	93	90	92	89	87	92	91	94	94	92	92	92	94	92	84	86	93	89	92	94	94	95	86	91.2	
	MIN	63	62	68	73	75	70	68	72	67	71	71	73	71	72	74	73	70	73	69	77	76	71	70	66	68	73	72	73	73	74	71	70.9	

See Reference Notes Following Station Index

ARKANSAS
JULY 1948

TABLE 6
DAILY EVAPORATION (INCHES) AND WIND MOVEMENT (MILES)

STATION		DAY OF MONTH																															TOTAL	DEPART- URE FROM NORMAL
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
BETHESDA	EVAP	.202	.162	.216	.034	.290	.226	.062	.442	.330	.174	.346	.240	.124	.102	.322	.206	.132	.226	.009	.335	.346	.354	.280	.234	.268	.244	.120	.142	.312	.224	.270	6.974	
	WIND	29	10	16	20	3	4	26	37	58	-	-	16	19	24	6	20	12	28	25	15	43	54	40	14	55	22	13	15	17	21	43	-	
HOPE	EVAP	.165	.399	.206	.165	.105	.235	*	.483	.311	.286	*	.327	.278	.424	.189	.288	.242	*	.439	.226	.287	.281	.302	.237	.220	.340	.232	.159	.257	.296	.196	7.575	
	WIND	16	45	8	21	30	13	*	66	26	55	*	28	40	61	26	20	11	*	66	31	32	41	40	34	12	36	23	24	20	25	31	881	
NIMROD DAM	EVAP	.292	.278	.300	.142	.007	.142	.176	.210	.304	.269	.221	.156	.246	.550	.156	.110	.190	.278	.162	.254	.316	.316	.208	.106	.260	.268	.204	.218	.218	.178	.224	6.959	
	WIND	31	17	12	10	10	6	15	11	8	10	20	37	3	51	12	7	30	10	10	15	34	41	38	2	20	5	10	8	20	12	15	530	
NORFOLK DAM	EVAP	.242	.270	.226	.090	-	.258	.157	.267	.279	.271	.210	.240	.404	.136	.245	.214	-	.241	.231	.196	.278	.330	.172	.430	.289	.119	.207	.272	.284	.209	-	7.160	
	WIND	27	26	31	23	27	17	22	35	27	28	17	32	32	17	23	10	29	48	20	16	40	48	26	71	44	32	3	22	34	11	--		
STUTTGART 9 MI. ESE	EVAP	.219	.241	.180	.281	.216	.138	.228	.252	.254	.207	.235	.498	.200	.189	.130	.201	.165	.196	.211	.212	.281	.201	.280	.179	.170	.243	.151	.181	.180	.218	.138	6.375	
	WIND	5	15	5	5	20	10	10	10	20	10	25	35	90	70	30	40	40	40	30	30	70	80	60	30	20	50	55	65	40	30	40	1050	

TABLE 7
DAILY RIVER STAGES (FEET)

RIVER AND STATION	FLOOD STAGE	DAY OF MONTH																															HIGHEST (OR CREST)	DATE	LOWEST	DATE	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31					
BUFFALO GILBERT	30	4.2	4.1	4.0	4.0	3.8	3.7	3.7	3.9	3.8	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.7	3.8	3.7	3.6	3.6	3.6	3.5	3.2	3.5	3.5	3.7	4.3	4.0	3.9	4.3	29	3.2	25		
BLACK BLACK ROCK	14	11.5	11.2	10.4	9.2	8.2	7.4	6.8	6.3	6.8	7.5	6.9	6.2	6.2	6.0	5.5	5.0	4.5	4.3	4.4	4.6	4.2	3.9	3.7	3.5	3.3	3.2	3.1	3.0	3.0	3.0	2.9	11.5	1	2.9	31	
WHITE COTTER	21	8.2	7.5	6.8	6.4	6.0	5.7	4.8	4.2	3.5	3.6	4.3	4.5	3.1	4.7	4.5	4.2	3.6	6.0	4.7	4.7	5.1	5.0	4.7	4.0	3.9	3.9	2.5	3.5	4.5	4.3	4.3	8.2	1	2.5	27	
CALICO ROCK	19	8.4	7.1	6.7	5.9	6.0	5.5	5.2	4.3	3.5	3.0	3.1	3.2	3.2	3.4	3.9	3.3	3.0	2.9	5.2	4.0	3.5	4.5	4.4	3.8	3.0	2.9	3.0	2.6	3.1	4.0	8.4	1	2.6	28		
BATESVILLE L&O 1	23	15.0	13.8	12.8	12.1	11.6	11.2	10.9	10.8	9.5	8.7	8.2	8.3	9.0	8.2	9.2	9.2	8.7	8.0	8.4	9.9	9.4	9.3	9.7	9.4	8.8	7.8	8.0	7.8	7.4	8.5	9.0	15.0	1	7.4	29	
NEWPORT	26	18.2	17.8	16.9	15.8	14.5	13.9	12.1	10.9	10.0	8.9	8.1	7.4	6.7	7.4	7.5	7.5	6.9	6.3	5.9	7.1	6.9	6.4	6.4	6.4	5.9	5.2	4.3	4.4	3.9	3.9	4.6	18.2	1	3.9	29	
GEORGETOWN	21	19.5	19.4	19.3	19.2	19.0	18.7	18.2	17.5	16.5	15.4	14.2	13.0	12.3	11.8	11.1	10.8	10.6	10.0	9.4	9.0	8.8	9.0	8.8	8.4	8.1	7.7	7.2	6.6	6.0	5.8	5.3	19.5	1	5.3	31	
CLARENDON	26	24.5	24.8	25.0	25.0	25.2	25.2	25.1	25.0	24.8	24.6	24.2	23.8	23.2	22.6	22.0	21.4	20.9	20.4	19.8	18.9	18.2	19.6	17.2	16.7	16.1	15.6	15.1	14.6	14.1	25.2	6	14.1	31			
PETIT JEAN DANVILLE	20	2.7	2.7	2.7	2.7	2.6	2.7	2.8	4.0	4.1	4.0	4.0	4.0	4.0	4.0	4.8	6.1	5.8	5.7	5.5	5.6	6.1	3.9	3.7	7.0	6.1	5.9	7.4	7.1	5.9	3.7	3.4	7.4	27	2.6	5	
ARKANSAS VAN BUREN	22	28.5	28.3	27.6	26.8	25.4	21.0	19.1	16.1	15.0	14.0	13.4	12.8	17.9	17.2	18.1	17.0	17.4	17.6	19.7	20.1	22.1	21.1	20.8	21.2	21.9	21.3	21.0	21.4	21.7	21.4	21.3	28.5	1	12.8	12	
OZARK	22	23.4	22.4	23.0	22.4	20.2	17.2	15.6	13.0	11.4	10.4	10.2	9.3	12.3	13.3	13.9	13.9	12.8	13.4	14.2	16.4	17.6	16.8	16.3	16.6	17.1	17.1	16.4	16.7	17.0	16.9	16.8	23.4	1	9.3	12	
OARDANELLE	22	26.0	25.8	25.6	25.0	24.1	21.1	18.3	16.4	13.7	12.5	11.6	11.1	10.6	14.8	14.8	15.6	15.0	14.7	14.9	17.0	18.8	19.3	18.4	18.2	18.8	19.3	18.7	18.4	18.6	18.8	18.6	26.0	1	10.6	13	
MORRILLTON	20	30.8	30.7	30.7	30.4	30.0	28.2	25.3	23.2	20.4	18.4	17.2	16.9	16.6	19.0	20.2	21.0	21.0	20.0	20.4	21.4	23.6	24.7	24.1	23.6	23.9	24.6	24.6	23.9	24.1	24.3	24.1	30.8	1	16.6	13	
LITTLE ROCK WB AP	23	20.4	20.2	20.1	20.0	19.6	18.8	16.9	16.9	15.0	11.1	10.0	9.2	8.7	8.8	11.3	11.7	12.3	11.7	11.5	11.9	13.7	15.2	15.5	14.8	14.7	15.1	15.5	15.1	14.9	15.1	15.3	20.4	1	8.7	13	
PINE BLUFF	25	21.8	21.6	21.5	21.5	21.4	21.2	20.1	18.7	17.4	15.6	13.8	12.9	12.1	11.7	12.7	14.8	15.3	15.4	14.7	14.7	15.5	17.2	18.1	17.9	17.3	17.4	17.9	17.9	17.5	17.6	17.9	21.8	1	11.7	14	
CADDO GLENWOOD	10	3.8	3.8	3.8	3.7	3.7	3.7	3.7	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.8	1	3.4	14	
SALINE BENTON	20	4.4	4.3	4.2	4.1	4.1	4.0	4.5	4.8	4.8	4.6	4.5	4.2	4.0	4.0	3.9	3.9	4.5	4.7	5.5	5.4	5.2	4.9	4.5	4.3	4.2	4.1	3.9	5.6	5.3	4.8	4.4	5.6	28	3.9	16	
LITTLE MISSOURI BOUGHTON	20	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3.8	3.8	3.9	4.0	4.0	4.2	4.1	4.1	4.0	4.1	4.4	4.6	4.4	4.4	4.6	4.4	4.2	4.1	4.1	4.1	4.0	3.9	3.9	4.6	20	3.8	10	
OUACHITA ARKADELPHIA CAMDEN	17	3.4	3.2	3.2	3.2	3.2	3.1	3.3	4.3	4.7	3.9	3.4	3.4	3.1	3.2	3.6	4.0	3.8	3.3	3.2	3.4	3.7	3.5	3.4	3.3	3.2	3.2	3.3	3.8	3.6	3.3	3.2	4.7	9	3.1	6	
	26	4.1	4.0	4.0	4.1	4.0	4.0	4.0	3.9	3.9	4.5	4.9	4.5	4.4	4.3	4.2	4.3	4.6	4.8	4.8	4.7	4.7	4.7	4.9	4.7	4.5	4.3	4.1	4.1	4.3	4.6	4.5	4.9	11	3.9	8	
LITTLE WHITECLIFFS	25	1.8	2.1	2.1	3.8	4.0	3.9	1.5	1.0	1.0	0.9	1.5	2.0	2.5	3.0	7.0	8.4	8.0	7.0	6.0	5.9	5.0	3.4	2.4	1.9	1.7	1.3	1.0	1.0	1.0	1.0	1.0	8.4	16	0.9	20	
REO INDEX FULTON	25	11.8	14.0	14.2	14.0	13.0	11.2	10.7	9.8	11.8	12.6	12.6	12.5	12.7	17.8	17.4	16.5	16.5	16.4	15.6	14.0	12.6	11.3	10.4	9.4	9.4	9.0	9.0	9.2	8.6	8.3	-	17.8	14	-		
	25	11.8	13.6	14.8	14.7	13.8	12.2	10.7	9.9	10.9	12.6	13.1	13.0	13.1	17.9	18.8	18.3	18.0	17.6	17.0	15.2	13.6	12.2	11.0	10.3	9.8	9.4	9.4	9.4	9.7	9.1	8.6	18.8	15	8.6	31	
ST. FRANCIS ST. FRANCIS ST. FRANCIS LAKE	18	11.2	12.4	12.9	12.9	12.8	12.1	11.5	10.5	9.8	11.4	12.1	12.9	13.4	13.9	13.4	12.5	11.6	11.4	10.5	9.1	7.2	5.4	4.6	3.4	7.4	6.1	4.7	5.7	8.3	9.1	9.1	13.6	13	4.6	21	
MARCO TREE	30	19.5	19.4	19.3	19.2	19.0	18.7	18.2	17.5	16.5	15.4	14.2	13.0	12.3	11.8	11.1	10.8	10.6	10.0	9.4	9.0	8.8	9.0	8.8	8.4	8.1	7.7	7.2	6.6	6.0	5.8	5.3	19.5	1	5.3	31	
PARKIN	17	6.6	6.7	6.6	6.6	6.6	6.3	6.0	6.3	6.3	6.2	6.3	6.2	6.3	5.9	6.0	5.6	4.6	5.1	6.0	6.7	6.7	6.7	7.0	7.5	7.4	7.4	7.3	7.1	7.0	6.8	6.5	6.4	7.5	23	4.2	17
MADISON	32	5.8	5.9	6.1	5.9	5.6	5.3	5.0	4.7	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.2	4.2	4.5	4.6	4.6	4.6	4.9	6.1	6.2	6.2	6.3	6.2	6.0	5.7	5.5	5.8	6.3	26	4.6	15	
MISSISSIPPI HELENA ARKANSAS CITY	44	22.0	22.6	22.7	22.5	21.8	21.5	21.2	20.8	19.9	19.1	18.4	17.6	16.5	15.6	14.7	13.7	12.8	12.2	11.5	12.0	12.6	13.1	13.6	14.3	15.1	16.1	17.2	18.4	19.8	21.2	23.2	31	11.5	15		
	42	24.1	24.7	25.4	25.3	25.4	25.1	24.8	24.2	23.2	22.0	20.7	19.6	18.5	17.5	16.7	15.9	15.8	15.5	15.2	14.6	14.5	15.0	15.9	16.7	17.2	17.5	18.1	19.6	19.6	20.3	21.2	22.5	4	14.5	25	

ARKANSAS
JULY 1948

- 81 -

ARKANSAS
JULY 1948

STATION INDEX — Continued

STATION	INDEX NO.	COUNTY	DRAINAGE	O LAT.	O LONG.	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
FULTON	2670	HEMPSTEAD	RED	33 37	93 48	260	C		8A		62		INA J. LOGAN	2 3 7
GARLAND	2710	MILLER	RED	33 21	93 42	230	C		7A		4		L. D. OENNEY	2 3 7
GEORGETOWN	2760	WHITE	WHITE	35 07	91 26	200	C		7A		35		J. S. MC DONALD	2 3 7
GILBERT	2794	SEARCY	WHITE	35 59	92 43	650	C	7A	7A	22	22		D. O. OENNIS	2 3 4 5 7
GLENWOOD	2842	PIKE	OUACHITA	34 20	93 33	547	C		8A		13		CHARLES A. PRICE	2 3 7
GRANNIS	2908	POLK	RED	34 14	94 20	920	C	7A	7A	22	22		W. E. MC VAY	2 3 5
GRAVELLY	2922	YELL	ARKANSAS	34 53	93 41	498	C		7A		8		HAROLD L. FRIZZELL	2 3 7
GRAVETTE	2930	BENTON	ARKANSAS	36 36	94 32	1250	C	6P	6P	50	50		J. A. SCHMIOT	2 3 5
GREEN FOREST	2946	CARROLL	WHITE	36 20	93 26	1350	C		7A		8		OBEO B. WILSON	2 3 5
GREEN MOUNTAIN	2952	STONE	WHITE	36 02	92 12	1100	C	5P	5P	10	10		U. S. FOREST SERVICE	2 3 5
GREENBRIER	2962	FAULKNER	ARKANSAS	35 14	92 14	360	C		7A		5		J. O. CANTRELL	2 3
GREENWOOD	2976	SEBASTIAN	ARKANSAS	35 13	94 15	518	C		7A		8		DOROTHY M. BEEN	2 3
GURDON	3074	CLARK	OUACHITA	33 54	93 09	210	C		7A		0		ROY S. ROBBIS	2 3
HAMPTON	3098	CALHOUN	OUACHITA	33 32	92 28	202	C		7A		8		BILL S. WATSON	2 3
HARDY	3132	SHARP	WHITE	36 19	91 29	362	C		MID		8		T. B. DONALSON	2 3 4
HARRISBURG	3160	POINSETT	ST. FRANCIS	35 34	90 44	280	C		MID		7		JOHN D. MAY	2 3 4
HARRISON	3164	BOONE	WHITE	36 14	93 07	1052	C	6P	6P	47	47		R. C. BEENE	2 3 5
HEBER SPRINGS 3 MI. S.W.	3230	CLEBURNE	WHITE	35 28	92 03	-	C		MIO		6		WAYNE STARK	2 3 4
HECTOR	3235	POPE	ARKANSAS	35 28	92 58	555	C		7A		0		NETTIE R. ALTER	2 3
HELENA	3242	PHILLIPS	MISSISSIPPI	34 33	90 38	200	C	7A	7A	75	75		JAMES A. BURNETT	2 3 5 7
HENDERSON	3258	BAXTER	WHITE	36 22	92 14	498	C		6P		7		DAISY A. PORTER	2 3
HILLEMANN	3354	WOODRUFF	WHITE	35 08	91 05	231	C		6P		5		JOHN B. MAULON	2 3
HOPE	3428	HEMPSTEAD	RED	33 43	93 33	375	C	7A	7A	77	77		UNIV. OF ARKANSAS	2 3 5 6
HOPPER	3438	MONTGOMERY		34 22	93 41	700	C		7A		0		MRS. LONA A. SHIELDS	2 3
HORATIO	3442	SEVIER	RED	33 56	94 22	337	C		6A		2		ELIZABETH W. FRIODAY	2 3 7
HOT SPRINGS NATL. PARK	3466	GARLAND	OUACHITA	34 31	93 03	630	C	7A	7A	55	55		NATIONAL PARK SERVICE	2 3 5
HUNTSVILLE	3540	MAISON	WHITE	36 05	93 44	1453	C		MID		8		MRS. MAY P. MARKLEY	2 3 4
HUTTIG OAM	3556	UNION	OUACHITA	33 02	92 05	60	C		8A		8		U. S. ENGINEERS	2 3 4
ICELEO	3570	NEWTON	WHITE	35 52	92 59	1365	C		5P		4		LOY E. HILL	2 3
INDEX	3584	LITTLE RIVER	RED	33 35	94 03	300	C		8A		23		W. E. MC DOWELL	2 3 7
JASPER	3600	NEWTON	WHITE	36 01	93 11	857	C		7A		52		MRS. LETTIE D. DAVIS	2 3
JONESBORO	3734	CRAIGHEAD	WHITE	35 50	90 42	345	C	7A	7A	52	52		BENEDICTINE SISTERS	2 3 5
KEO	3862	LONOKE	ARKANSAS	34 36	92 00	230	C		7P		5		R. A. WALLER	2 3 5
KINGSLAND	3904	CLEVELAND	OUACHITA	33 50	92 16	214	C		MIO		5		CLAUDIE W. HUNTER	2 3 4
LAKE CITY	3998	CRAIGHEAD	ST. FRANCIS	35 49	90 26	230	C		4P		8		TRESSA ST. CLAIR	2 3
LAKE LEATHERWOOD	4006	CARROLL	WHITE	36 27	93 46	-	C		MID		3		CECIL E. MABERRY	2 3 4
LANGLEY	4060	PIKE	OUACHITA	34 19	93 50	-	C		7P		4		MRS. J. A. JONES	2 3
LEAD HILL	4106	BOONE	WHITE	36 24	92 54	650	C	7P	7P	42	42		F. W. KELLOGG	2 3 5
LEE CREEK	4116	CRAWFORD	ARKANSAS	35 42	94 19	1000	C		7A		2		ORPHA W. COOKSEY	2 3
LEOLA	4134	GRANT	OUACHITA	34 10	92 35	261	C		7A		5		J. R. RHODES	2 3
LITTLE ROCK WB AIRPORT	4248	PULASKI	ARKANSAS	34 44	92 14	265	C	MIO	MIO	68	68		U. S. WEATHER BUREAU	2 3 4 5 7
LITTLE ROCK FTL. PLANT	4250	PULASKI	ARKANSAS	34 46	92 19	512	C		MIO		8		L. R. WATER WORKS	2 3
LOCK AND DAM NO. 3	4256	INDEPENDENCE	WHITE	35 51	91 51	370	C		7A		7		ED ANSEL	2 3 7
LOST CORNERS	4324	POPE	WHITE	35 34	92 50	1550	C		7A		4		CATH. T. RUSSELL	2 3
LOUANN	4332	OUACHITA	OUACHITA	33 24	92 48	132	C		6P		4		CHARLES S. CURRAN	2 3
LURTON	4386	NEWTON	WHITE	35 46	93 05	2007	C		8A		51		I. C. SUTTON	2 3
LUTHERVILLE	4390	JOHNSON	ARKANSAS	35 29	93 15	775	C	6P	6P	51	51		MRS. H. G. LENHARDT	2 3 5
MADISON	4528	ST. FRANCIS	ST. FRANCIS	35 00	90 43	215	C		7A		17		J. W. EPPES	2 3 7
MAGNOLIA	4548	COLUMBIA	RED	33 17	93 14	315	C	6P	6P	31	31		STATE AGR. SCHOOL	2 3 4 5
MALVERN	4562	HOT SPRINGS	OUACHITA	34 22	92 49	311	C		8A		52		JODIE W. MC MULLEN	2 3
MAMMOTH SPRING	4572	FULTON	WHITE	36 29	91 32	600	C	8A	8A	43	43		CATHERINE S. COX	2 3 5
MARIANNA	4638	LEE	ST. FRANCIS	34 44	90 49	234	C	8A	8A	36	36		UNIV. OF ARKANSAS	2 3 4 5
MARKED TREE	4654	POINSETT	ST. FRANCIS	35 32	90 25	229	C	7A	7A	43	43		CHARLES WALTON	2 3 5 7
MARSHALL	4666	SEARCY	WHITE	35 55	92 43	1050	C	6P	6P	29	29		MRS. MINNIE HORTON	2 3 5
MARVELL	4678	PHILLIPS	WHITE	34 33	90 55	195	C		8A		29		J. O. LOWRIE	2 3
MAUMEE	4696	SEARCY	WHITE	36 03	92 39	749	C		MIO		8		NADINE F. DAVENPORT	2 3 4
MELBOURNE	4746	IZARD	WHITE	36 04	91 54	610	C		7A		3		WALTER E. HALL	2 3
MENA	4756	POLK	OUACHITA	34 35	94 15	1207	C	7A	7A	59	59		E. W. ST. JOHN	2 3 4 5
MONTICELLO	4900	OREW	OUACHITA	33 35	91 50	250	C	MID	MID	7	7		AIRWAY OBSERVER	2 3 4 5
MONTROSE	4906	ASHLEY	OUACHITA	33 18	91 29	125	C		MID		5		JAMES L. ALSOBROOK	2 3 4
MOROBAY LOCK AND DAM	4934	CALHOUN	OUACHITA	33 19	92 27	85	C		6P		8		U. S. ENGINEERS	2 3 4
MORRILTON	4938	CONWAY	ARKANSAS	35 08	92 44	328	C	7A	7A	31	31		L. A. DICUS	2 3 5 7
MOUNT IOA	4988	MONTGOMERY	OUACHITA	34 33	93 37	702	C	6P	6P	48	48		J. S. WHITTINGTON	2 3 5
MOUNT IDA RIVER	4990	MONTGOMERY	OUACHITA	34 33	93 37	-	C		MIO		4		JOHN WALLBRITTON	2 3 4
MOUNTAIN HOME	5036	BAXTER	WHITE	36 20	92 30	800	C	7P	7P	35	35		H. N. HALBERT	2 3 4 5
MOUNTAIN VIEW	5046	STONE	WHITE	35 52	92 08	768	C		7A		8		W. D. WORTHINGTON	2 3
MOUNTAINBURG	5056	CRAWFORD	ARKANSAS	35 38	94 10	736	C		6P		10		C. A. LOVELL	2 3
MULBERRY	5072	FRANKLIN	ARKANSAS	35 34	94 01	500	C		7A		8		HENRY G. ARVIN	2 3 7
MURFREESBORO	5078	PIKE	OUACHITA	34 04	93 41	367	C		MID		8		ERNEST J. BABBITT	2 3 4
NASHVILLE	5112	HOWARD	RED	33 58	93 51	350	C	7P	7P	9	9		BRICE CARRUTH	2 3 5
NASHVILLE S C S	5114	HOWARD	RED	33 57	93 51	373	C		MID		4		S C S	2 3 4
NEWHOPE	5174	PIKE	OUACHITA	34 14	93 50	850	C		7A		8		FLOYD WORD	2 3
NEWPORT	5186	JACKSON	WHITE	35 36	91 17	225	C	7A	7A	64	64		WILLIS T. MOYER	2 3 5 7
NIMROD DAM	5200	PERRY	ARKANSAS	34 57	93 10	470	C	8A	8A	6	6		U. S. ENGINEERS	2 3 4 5 6
NORFORK DAM	5228	BAXTER	WHITE	36 15	92 15	425	C	8A	8A	2	7		U. S. ENGINEERS	2 3 4 5 6
ODELL	5354	WASHINGTON	ARKANSAS	35 48	94 24	1500	C		7A		20		MRS. RENZO HURST	2 3
OEN	5358	MONTGOMERY	MISSISSIPPI	34 38	93 48	800	C		MIO		19		U. S. FOREST SERVICE	2 3
OKAY	5376	HOWARD	RED	33 44	93 56	300	C	5P	5P	19	19		J. T. HARGIS	2 3 5
OSCEOLA	5480	MISSISSIPPI	MISSISSIPPI	35 43	89 58	250	C		8A		47		C. E. CARTER	2 3
OWENSVILLE	5498	SALINE	OUACHITA	34 27	92 49	500	C		8A		4		GUY COOK	2 3
OZARK	5508	FRANKLIN	ARKANSAS	35 29	93 50	396	C	6A	6A	52	52		ORKNEY D. MILTON	2 3 5 7
PARAGOULO	5562	GREEN	ST. FRANCIS	36 04	90 29	275	C	4P	4P	24	24		KORS	2 3 5
PARKIN	5586	CROSS	ST. FRANCIS	35 16	90 35	222	C		7A		17		CARROLL KING	2 3 7
PERRYVILLE	5694	PERRY	ARKANSAS	35 00	92 49	325	C	6P	6P	8	8		PAULINE BENNETT	2 3 5 7
PINE BLUFF	5754	JEFFERSON	ARKANSAS	34 12	92 00	215	C	7A	7A	60	60		MARY T. SCHEU	2 3 5 7
PINE BLUFF AP 3 MI. N.	5756	JEFFERSON	ARKANSAS	34 15	92 00	215	C	MID	MID				AIRWAY OBSERVER	2 3 4
PINE RIDGE	5760	MONTGOMERY	OUACHITA	34 35	93 54	840	C		7A		23		J. R. HUDDLESTON	2 3
POCAHONTAS	5820	RANDOLPH	WHITE	36 16	90 59	330	C	5P	5P	54	54		BENEDICTINE SISTERS	2 3 5
PORTLAND	5866	ASHLEY	OUACHITA	33 14	91 30	122	C	7A	7A	41	41		MRS. PEARL NEWTON	2 3 5

STATION INDEX — Continued

ARKANSAS

JULY 1948

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. O /	LONG. O /	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
PRESCOTT PRESCOTT S C S PYATT RATCLIFF RAVANA	5908 5910 5970 6008 6016	NEVADA NEVADA MARION LOGAN MILLER	OUACHITA OUACHITA WHITE ARKANSAS REO	33 48 33 48 36 16 35 18 33 04	93 23 93 23 92 51 93 53 94 02	318 — 800 463 250	C C C C C	7A — — — —	7A MID MID 7A MID	59 — 7 3 8	59 — — — —	— — — — —	R. P. HAMBY W. L. MC LEAN ONA V. MC LEAN LULA MAE WEEKS ARNICE O. TAYLOR	2 3 5 2 3 4 2 3 4 2 3 2 3 4
REO STAR REMMEL OAM RISON ROCKHOUSE ROGERS	6078 6102 6174 6214 6248	MAOISON HOT SPRING CLEVELAND MAOISON BENTON	WHITE OUACHITA OUACHITA WHITE WHITE	35 51 34 26 33 48 36 17 36 18	93 31 92 54 92 11 93 40 94 02	2250 — 231 1214 1387	C C C C C	— — — — 6P	7A MID 8A 7A 6P	— — — — 57	5 8 32 2 57	— — — — —	ORVAL F. CALLOWAY ARK. P. & L. CO. J. H. YANEY CLAUDE O. DISCO HOWARD FOWLER	2 3 2 3 4 2 3 2 3 2 3 5
RUSSELLVILLE SAINT CHARLES SAINT FRANCIS SAINT FRANCIS LAKE SEARCY	6352 6376 6380 6382 6506	POPE ARKANSAS CLAY CLAY WHITE	ARKANSAS WHITE ST. FRANCIS ST. FRANCIS WHITE	35 18 34 23 36 27 35 15	93 08 91 08 90 08 91 44	360 200 300 245	C C C C	5P 8A — 7P	5P 8A 7A 7P	35 14 20 37	35 — — 37	— — — — —	U. S. FOREST SERVICE U. S. BIOL. SURVEY WILLIAM L. BUCKLEY CHARLES W. WALTON ARTHUR D. SMITH	2 3 5 2 3 7 2 3 7 7 2 3 4
SHERIDAN SHIRLEY SILOAM SPRINGS SMITHVILLE STAR CITY	6566 6586 6624 6698 6820	GRANT VAN BUREN BENTON LAWRENCE LINCOLN	OUACHITA WHITE WHITE WHITE OUACHITA	34 27 35 38 36 11 36 05 35 57	92 21 92 17 94 33 91 18 91 50	290 600 1150 450 250	C C C C C	6P — 6P — —	6P 6P 6P MID 2P	7 — 7 — 2	7 8 — — 5	— — — — —	ARK. FORESTRY COM. MAUD H. BRADFORD JOHN BROWN UNIVERSITY NORA F. R'DY R. A. GOYEN	2 3 4 2 3 2 3 4 2 3 4 2 3
STEVE STORY STUTTART STUTTART 9 MI. ESE. SUBIACO	6856 6890 6918 6920 6928	YELL MONTGOMERY ARKANSAS ARKANSAS LOGAN	ARKANSAS OUACHITA ARKANSAS ARKANSAS ARKANSAS	34 53 34 42 34 29 34 28 35 18	93 19 93 31 91 32 91 25 93 39	682 650 214 198 500	C C C C C	— — 7A 7A 7P	7A 7A 7A 7A 7P	— — 60 12 49	4 23 63 12 49	— — — — —	T. P. SIMS S. C. STORY GEORGE L. CLARK UNIV. OF ARKANSAS NEW SUBIACO A BEY	2 3 2 3 2 3 5 6 2 3 4 6 2 3 5
SUGAR GROVE SUGAR LOAF MOUNTAIN TAYLOR TEXARKANA WB AIRPORT TINSMAN	6940 6944 7038 7048 7118	LOGAN CLEBURNE COLUMBIA MILLER CALHOUN	ARKANSAS WHITE REO RED OUACHITA	35 04 35 29 33 06 33 27 33 38	93 48 91 58 93 27 94 00 92 21	500 300 247 368 170	C C C C C	— — — MID —	9A 7A 6P MID 7A	— — — 63 63	8 3 5 63 5	— — — — —	D. R. FENNEL SANTFERD REYNOLDS YANCY M. NORWOOD U. S. WEATHER BUREAU HENRY S. SPEER	2 3 2 3 7 2 3 2 3 4 2 3
TURNPIKE VAN BUREN VICK VIOLA WALORON	7262 7370 7420 7450 7488	POPE CRAWFORD BRADLEY FULTON SCOTT	ARKANSAS ARKANSAS OUACHITA WHITE ARKANSAS	35 40 33 19 36 24 34 54	93 05 92 09 91 59 94 06	2087 115 692 675	C C C C	6P — — 5P	6P 6P 7A 5P	23 — — 28	23 6 7 28	— — — —	U. S. FOREST SERVICE JEN CORNELUS WILLARD K. SHARP A. F. KING WILLIAM O. BIVENS	2 3 5 7 2 3 2 3 2 3 4
WALNUT GROVE WARREN WEDINGTON LAKE WEST FORK WHEELING	7524 7582 7638 7694 7744	INDEPENDENCE BRADLEY WASHINGTON WASHINGTON FULTON	WHITE OUACHITA ARKANSAS WHITE WHITE	35 51 33 36 36 06 35 55 36 19	91 21 92 04 94 23 94 11 91 52	250 206 1150 1340 680	C C C C C	— 6P — — —	6P 6P MID MID MID	— 53 — 8 8	7 53 3 8 8	— — — — —	A. H. FAST C. N. TURNER HARRY E. IRKINSHA MRS. N. C. THRELKELD THOMAS W. CONE	2 3 2 3 4 2 3 4 2 3 4 2 3 4
WHITE CLIFFS WHITE ROCK WILSON WINFREY WING	7812 7772 7912 7936 7950	LITTLE RIVER FRANKLIN MISSISSIPPI CRAWFORD YELL	REO ARKANSAS MISSISSIPPI ARKANSAS ARKANSAS	33 48 35 41 35 34 35 44 34 57	94 05 93 57 90 02 94 06 93 28	2285 237 1152 350	C C C C C	— 5P 7A — —	7A 5P 7A MID MID	— 11 22 8 5	11 22 8 — —	— — — — —	L. M. SNEAD U. S. FOREST SERVICE D. O. ANDERSON CLYDE F. MEADOR MILES B. TURNER	2 3 7 2 3 4 2 3 4 2 3 4 2 3 4
WYNNE YELLVILLE NATHAN PARTHENON	8052 8084 5158 5602	CROSS MARION HOWARD NEWTON	ST. FRANCIS WHITE OUACHITA ARKANSAS	35 13 36 13 34 07 35 57	90 46 92 41 93 52 93 15	260 900 550 925	C C C C	6P — — —	6P 7A 7A MID	39 — — 8	39 3 0 8	— — — —	P. G. WATKINS L. E. JOHNSON EDNA J. WESTFALL ARTHUR B. CARLTON	2 3 5 2 3 7 2 3 2 3 4

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late for inclusion in this issue.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

- No record.
- + And also on later dates.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- 6 Precipitation measured at 6-hourly intervals, no recording gage.
- 6X Precipitation measured at 6-hourly intervals, no recording gage. Daily totals for the 24 hours ending at 12:30 A.M., CST of the following day.
- M One or more days of record missing; see Table 5 for detailed daily record.
- AR This entry in time of observation column in Station Index means after rain.
- K Total includes snow which accumulated in collar of the gage during previous period, and fell into gage for this measurement.
- R Station equipped with recording gage only. All amounts in Table 3 are for the non-recording gages, except for stations with this reference.
- T Amount too small to measure.
- Z Hourly amounts from recording gage at the same site may be found in Table 4.

Data in Table 4 were formerly published in the Hydrologic Bulletin for Lower Mississippi-West Gulf. Amounts in this table are from recording gages. Traces are not shown.

Subscription Price: 15 cents per copy; \$1.50 a year. (Yearly subscription includes Annual Summary). Correspondence regarding subscriptions should be addressed to the Weather Records Processing Center, Room #9, U. S. Court House, Fort Worth 2, Texas.

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages -- mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.



U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief

AGRICULTURAL REFERENCE DEPARTMENT
CLEMSON COLLEGE LIBRARY

CLIMATOLOGICAL DATA

ARKANSAS

AUGUST 1948

Volume LIII No. 8



ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages -- mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

Walter C. Hickmon, Section Director - Little Rock

GENERAL SUMMARY

LOWS, or low troughs, covered most of the South during the first half of the month. Although no LOWS passed directly over Arkansas, the weather for the first 16 days was ruled by the weak frontal systems associated with Southern LOWS. More than two-thirds of the month's rainfall fell during this period.

During the latter half of the month, the air circulation over Arkansas was due to HIGHS located along the Atlantic Coast. This brought moist tropical air over the state, and upslope rains during the last few days of the month.

The month ended up being the coolest since 1940, mostly due to cloudiness during the afternoons; and the wettest since 1944. Temperatures generally were higher from about the 13th on, with most of the high temperatures being recorded from the 13th to 15th.

The rainfall, while above the 58-year average for August, was not too well distributed, and resulted in varying slight damage to crops. The NE and SW corners of the State suffered the most from lack of rainfall with recorded falls as low as 20% of normal.

The most seriously damaged section was from an overabundance of rain, and covered most of Benton and Washington Counties. Stations in these two counties reported the heaviest rains since 1915, when major floods caused millions of dollars damage in the White Basin. The main damage this year was to the Tomato and Grape crops.

Even though August weather damaged some crops slightly, bumper yields of most crops were in prospect for the crop-season.

STORMS

High winds were reported on a total of 13 days during the month by 38 stations, but only two were serious enough to have any appreciable damage reported. Pine Bluff reported damage of \$10,000.00 from a combination of rain and wind of the afternoon of the 15th. 1.40 inches of rain fell in 35 minutes during this storm, causing flooding of streets and stores; a roof of a Service Garage was reported to have caved in during the rain.

A windstorm struck Forrest City during the evening of the 30th, causing widespread damage to roofs, power-lines, windows, and trees, estimated at \$25,000.

Thunderstorms were reported on 26 days, with more than fifty being reported on each of the following days: 8th, 9th, 11th, 14th and 15th. Hail was reported four times, but was apparently too light to damage crops.

There were no floods on any of the main rivers.

TEMPERATURES

The mean temperature for the month was 78.0°, 2.1° below the 58-year average. Only two stations, El Dorado and Camden, reported mean temperatures above their seasonal average, and these were 0.2° and 0.1°, respectively.

There were no records set for extremes during the month, and the highest reported was 108° at Magnolia on the 13th, 107° at El Dorado on the 15th. Lead Hill reported the lowest with 46° on the 6th; Harrison also reported 48° on the 6th.

Magnolia reported the highest mean for the month, with 82.6°, and Green Mountain was low, with 73.0°. Sixteen stations reported maximum readings of 100° or more, during the month.

PRECIPITATION

The mean precipitation was 4.25 inches, 0.71 inch above the 58-year average. The distribution over the State was rather poor though; and ranged from 0.67 inch at Lake City, to 15.16 inches at West Fork.

The areas suffering most from lack of rain lay within a radius of 40 miles of Texarkana in the SW, and 100 miles radius of St. Francis in the NE. Craighead County was the driest in the State, with considerably less than an inch.

The greatest amount of rain fell along the Arkansas River, and the counties just north of it; Ashley and the eastern part of Union; Polk and Scott; and the Washington, Benton, and Madison County area. The number of days with rain ranged from 11 to 15 days in the NW portion of the State, as compared with a normal of 6 days.

ARKANSAS
AUGUST 1948

TABLE 1
COMPARATIVE DATA

YEAR	TEMPERATURE			PRECIPITATION		
	MEAN	HIGHEST	LOWEST	AVERAGE	AVERAGE SNOWFALL	DAYS WITH .01 OR MORE
1891	76.4	108	39	2.75	0	5
1892	78.3	106	47	4.39	0	9
1893	77.3	102	48	3.08	0	5
1894	78.1	104	48	4.63	0	8
1895	79.4	102	55	2.64	0	4
1896	82.6	112	48	2.32	0	5
1897	79.6	111	45	2.59	0	5
1898	79.4	108	54	4.35	0	7
1899	82.2	112	54	2.04	0	4
1900	81.1	108	57	2.95	0	5
1901	80.5	109	52	2.95	0	6
1902	80.7	108	51	2.55	0	4
1903	78.7	105	47	4.34	0	8
1904	78.1	105	46	2.81	0	6
1905	79.1	103	51	3.73	0	6
1906	77.9	100	42	4.92	0	10
1907	82.0	113	54	2.92	0	6
1908	79.3	103	52	4.48	0	8
1909	82.4	111	47	1.27	0	4
1910	79.2	104	43	3.92	0	8
1911	78.0	107	45	8.19	0	12
1912	78.7	105	45	3.30	0	7
1913	82.1	107	46	1.62	0	3
1914	78.5	104	57	6.81	0	12
1915	74.7	102	40	10.44	0	11
1916	81.8	107	46	2.63	0	5
1917	77.1	104	43	4.10	0	8
1918	82.6	115	52	3.90	0	7
1919	80.6	113	55	4.29	0	7
1920	76.8	102	46	4.08	0	8
1921	81.5	106	56	5.46	0	8
1922	80.4	111	51	1.90	0	5
1923	81.9	109	49	2.43	0	4
1924	82.2	108	43	2.40	0	5
1925	80.3	108	47	1.81	0	4
1926	80.7	110	47	5.50	0	10
1927	76.6	105	43	6.01	0	10
1928	81.3	105	51	4.62	0	7
1929	80.8	110	41	1.29	0	3
1930	81.8	114	46	2.53	0	5
1931	76.7	103	42	4.71	0	9
1932	81.5	104	47	1.78	0	5
1933	79.1	101	49	4.42	0	8
1934	84.8	116	48	2.75	0	6
1935	82.0	113	46	1.74	0	4
1936	85.0	120	43	0.44	0	2
1937	82.3	111	55	3.45	0	7
1938	83.2	109	54	2.26	0	5
1939	80.2	107	49	2.50	0	6
1940	77.7	104	45	4.96	0	9
1941	80.7	107	50	3.94	0	9
1942	78.8	106	53	6.96	0	9
1943	84.6	113	48	1.03	0	3
1944	80.0	104	50	4.90	0	9
1945	78.9	104	48	3.16	0	6
1946	79.0	109	43	1.87	0	4
1947	84.5	111	56	2.20	0	4
1948	78.0	108	46	4.25	0	8
PERIOD	80.1	120	39	3.54	0	6

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

STATIONS	SEA LEVEL PRESSURE EXTREMES—INCHES				WIND				RELATIVE HUMIDITY AVERAGES				SUN- SHINE	DEGREE DAYS 65° BASE
	HIGHEST	DATE	LOWEST	DATE	AVERAGE SPEED M.P.H.	MAXIMUM SPEED M.P.H.	DIRECTION	DATE	1:30A EST	7:30A EST	1:30P EST	7:30P EST	PERCENT OF POSSIBLE	
Fort Smith WB AP	30.18	5	29.81	11	6.0	22	NW	12	88	92	59	62	67	0
Little Rock WB AP	30.21	28	29.89	12	5.8	24	NE	30	87	90	61	67	68	0
Texarkana WB AP	30.18	29	29.84	13	-	40	NNE	15	76	87	51	53	-	0

TABLE 2
CLIMATOLOGICAL DATA

ARKANSAS
AUGUST 1948

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT									PRECIPITATION, IN INCHES									
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	NO. OF DAYS		TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOWFALL (UNMELTED)			NO. OF DAYS			
							MAX. 90° OR ABOVE	MIN. 32° OR BELOW					TOTAL	GREATEST DEPTH ON GROUND	DATE	01 INCH OR MORE	.25 INCH OR MORE	1.00 INCH OR MORE	
ABBOTT									4.90		1.36	8	.0			9	6	2	
ALICIA									3.10		1.53	13				6	4	1	
ALPINE									5.83		3.14	8	.0			8	4	1	
ALUM FORK	77.9	- 1.9	95	21+	55	6	17	0	4.38	0.10	1.25	9	.0			7	5	2	
ALY									4.10		1.09	8				7	4	2	
APLIN									5.84		1.18	10	.0			11	7	2	
APPLETON									2.96		1.41	11				4	3	1	
ARKADELPHIA	79.5	- 1.5	98	14	56	6	23	0	4.26	0.61	1.94	9	.0			10	3	2	
ARKANSAS CITY									2.96	- 0.56	1.33	9	.0			6	3	1	
ASHDOWN	79.7		102	13	55	5	26	0	2.24		.98	15	.0			5	3	0	
ATHENS									5.32		1.90	8	.0			8	6	1	
AUGUSTA									4.26		1.76	15	.0			8	5	1	
BATESVILLE AIRWAY	77.7	- 1.6	98	23	54	6	17	0	2.77		1.30	14	.0			9	4	1	
BATESVILLE LIVESTCK	76.2M		96	21+	49	6	17	0	2.21		1.31	15	.0			6	3	1	
BATESVILLE L D 1									2.69	- 1.42	1.27	14	.0			8	4	1	
BEAR CREEK LAKE									3.74		2.30	25				5	4	1	
BEATY LAKE									1.75		.89	15	.0			6	2	0	
BEAVER									4.29		1.32	11	.0			11	6	1	
BEE BRANCH	77.6	- 2.4	95	3+	54	6	19	0	2.40	- 1.27	.82	8	.0			6	4	0	
BEECH GROVE									1.63		.50	10+	.0			6	2	0	
BEEDEVILLE									1.52		.81	14	.0			2	2	0	
BENTON	78.5	- 1.4	96	14+	53	6	22	0	2.88		.71	10	.0			7	4	0	
BENTONVILLE	75.2	- 2.7	97	23	52	5+	15	0	7.33	3.29	1.96	11	.0			10	9	3	
BETHESDA	74.5		95	22+	49	6	13	0	2.91		1.20	14	.0			5	5	1	
BIG FLAT									3.36		.89	9	.0			10	4	0	
BIG FORK									3.70		2.00	8	.0			5	3	1	
BIG LAKE OUTLET									1.01	- 1.60	.29	10	.0			6	2	0	
BLACK ROCK									2.67	- 1.44	1.30	15	.0			5	3	1	
BLUE MOUNTAIN DAM									4.76		1.22	15				12	6	1	
BLUFF CITY									3.64		1.60	9	.0			6	4	2	
BLYTHEVILLE	79.3	- 0.9	100	24	59	5	19	0	1.10	- 2.81	.52	31	.0			5	2	0	
BOONEVILLE	79.2	- 3.2	98	13+	56	6	21	0	3.61	- 0.02	1.35	8	.0			11	3	2	
BOONEVILLE 2S									3.74		1.23	16	.0			12	6	1	
BOTKINBURG									2.16		.60	11				11	3	0	
BOUGHTON									5.03		3.20	9	.0			4	4	2	
BRADFORD	//	78.8	- 1.6	97	29	55	6	19	0	1.38		.47	13	.0			5	3	0
BRINKLEY										4.91	1.59	2.10	15	.0			8	5	1
BURDETTE										.93		.55	15	.0			3	2	0
CABOT										6.16		3.78	15	.0			7	5	2
CALICO ROCK										4.07	- 0.28	1.31	14	.0			6	5	2
CAMDEN 1	80.9	0.1	101	14	55	6	25	0	2.51	- 0.31	1.03	9	.0			7	2	1	
CAMDEN 2									2.75							12			
CAMP CHAFFEE	79.1M		98	21	57	5		0	2.96		1.57	8	.0			12	3	1	
CANAAN									3.62		.91	14				9	6	0	
CARPENTER DAM									1.98		.81	8				4	3	0	
CLARENDON									6.88	3.44	2.38	15	.0			10	7	2	
CLINTON									5.51		1.97	15	.0			11	5	2	
COLD SPRINGS									4.18		1.00	8+	.0			9	6	2	
COMBS									10.80		3.31	14				9	7	5	
COMTON									6.06		2.44	11				9	5	2	
CONWAY	78.3	- 3.5	96	19+	52	6	18	0	7.18	3.88	3.10	15	.0			9	6	2	
CORNING	78.7	0.1	100	24	54	6	19	0	1.43	- 2.16	.43	15	.0			6	3	0	
COTTER									4.87	1.39	1.29	14	.0			7	5	2	
CROSSETT	79.7	- 1.9	100	13	50	18	26	0	7.98	4.77	3.90	16	.0			8	4	2	
CRYSTAL VALLEY									2.31		1.20	11	.0			5	2	1	

See Reference Notes Following Station Index

ARKANSAS
AUGUST 1948

TABLE 2 — Continued
CLIMATOLOGICAL DATA

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT								PRECIPITATION, IN INCHES										
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	NO. OF DAYS		TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOWFALL (UNMELTED)			NO. OF DAYS			
							MAX. 90° OR ABOVE	MIN. 32° OR BELOW					TOTAL	GREATEST DEPTH ON GROUND	DATE	.01 INCH OR MORE	.25 INCH OR MORE	1.00 INCH OR MORE	
CUMMINS FARM	77.6		96	13	57	6	17	0	3.67		1.30	8	.0				8	7	1
DAISY									6.92		4.15	8					7	5	2
DANVILLE									4.18	0.98	1.61	12	.0				10	5	1
DARDANELLE	78.4	- 2.7	96	23+	56	6+	19	0	7.84	4.30	1.79	12	.0				11	8	2
DE QUEEN	79.9	- 1.9	101	13	60	5	22	0	2.89	- 0.99	.90	24	.0				8	4	0
DENVER									5.08		1.34	27					10	6	1
DERMOTT									2.18		1.40	9	.0				3	2	1
DES ARC	78.0		100	22	55	6	17	0	4.11		.94	8	.0				11	6	0
DEVILS KNOB	75.4		95	1	55	4+	10	0	5.78		1.20	9	.0				8	7	2
DUMAS 1	79.4	- 2.6	98	13	56	6	19	0	3.24	- 0.03	.97	8	.0				7	5	0
DUMAS 2									2.85		.79	7					6	4	0
DURHAM									10.49		3.15	11					12	10	3
EAGLE GAP									8.63		3.87	8	.0				13	5	3
EL DORADO	82.5	0.2	107	15	58	6	30	0	2.65	- 0.64	1.46	16	.0				8	3	1
ELKINS									11.08		3.74	12	.0				11	8	3
EUREKA SPRINGS	75.9	- 2.9	95	22	53	6	9	0	4.69	0.00	1.65	14	.0				9	7	2
EVENING SHADE									3.52		1.54	14	.0				6	5	1
FAYETTEVILLE	76.2		94	22	55	5+	10	0	10.49		3.36	11	.0				13	6	3
FAYETTEVILLE EX S	75.4	- 3.2	95	22	51	5	11	0	10.36	6.40	3.78	14	.0				11	8	3
FORDYCE	80.9	- 0.2	100	13	56	6	27	0	6.23	1.90	2.41	9	.0				5	4	3
FORESTER									3.10		1.18	8	.0				8	3	1
FORREST CITY									2.70		1.56	15					5	3	1
FORT SMITH WB AIRPORT	79.3	- 1.2	97	13	59	5	17	0	3.39	0.11	1.83	8	.0				14	4	1
FORT SMITH WTR PLNT									5.32		1.46	11	.0				11	7	1
FOUNTAIN HILL									4.80		3.00	9	.0				4	4	2
FULTON									2.22	- 0.60	.90	16	.0				7	3	0
GARLAND									2.04		1.49	16	.0				4	1	1
GEORGETOWN									4.56	1.12	2.48	15	.0				10	4	1
GILBERT	75.7		97	22+	51	6	16	0	4.68	0.70	.94	15	.0				10	8	0
GLENWOOD									3.68		2.20	8	.0				3	3	1
GRANNIS	77.2	- 2.5	96	13	57	4+	17	0	5.05	1.74	2.52	16	.0				10	5	1
GRAVELLY									3.87		1.14	28	.0				11	4	1
GRAVETTE	76.1	- 2.0	95	22	53	5	12	0	6.64	2.62	1.80	11	.0				10	5	3
GREEN FOREST									3.83		1.00	11	.0				9	7	1
GREEN MOUNTAIN	73.0		96	22	56	16	4	0	2.33		1.10	14	.0				4	3	1
GREENWOOD									3.23		1.42	8	.0				9	3	1
GURDON									4.05		2.25	9	.0				9	4	1
HAMPTON									2.27		1.28	9	.0				3	2	1
HARRISON	74.3	- 3.5	96	22	48	6	13	0	5.64	2.07	1.78	14	.0				9	6	2
HARRISON AIRWAY	73.9		93	22	50	6	8	0	5.85		1.80	14	.0				10	6	2
HEBER SPRINGS 3SW									3.88		1.65	15					8	5	1
HECTOR									3.02		.83	12	.0				13	5	0
HELENA	79.0	- 1.7	95	30	61	6	16	0	6.84	3.28	3.15	15	.0				10	6	2
HENDERSON									2.00		1.17	14	.0				4	3	1
HOPE	81.1	- 0.8	101	15	56	6	25	0	2.73	- 0.55	1.21	9	.0				7	2	2
HOPPER									3.71		1.16	8	.0				7	5	1
HORATIO									2.10		.51	30	.0				8	5	0
HOT SPRINGS	80.5	- 1.2	100	22+	57	6	24	0	2.60	- 1.10	.83	9	.0				10	5	0
HUNTSVILLE									8.51		2.33	14	.0				10	6	4
HUTTIG DAM									5.16		4.00	16	.0				8	3	1
JASPER									4.92		1.01	11	.0				10	7	1
JESSIEVILLE									3.43	- 0.53	1.14	12+	.0				5	5	2
JONESBORO	78.3	- 2.0	99	23	57	5	16	0	.73	- 2.73	.34	14	.0				5	1	0
KEO	78.7		98	13	54	6	20	0	4.84		1.80	10	.0				10	4	2
LAKE CITY									.67		.45	14	.0				4	1	0

See Reference Notes Following Station Index

TABLE 2 — Continued
CLIMATOLOGICAL DATA

ARKANSAS
AUGUST 1948

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT								PRECIPITATION, IN INCHES									
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	NO. OF DAYS		TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOWFALL (UNMELTED)			NO. OF DAYS		
							MAX. 90° OR ABOVE	MIN. 32° OR BELOW					TOTAL	GREATEST DEPTH ON GROUND	DATE	.01 INCH OR MORE	.25 INCH OR MORE	1.00 INCH OR MORE
LEAD HILL	76.1	- 3.0	98	22	46	6	19	0	2.50	- 1.37	.78	26	.0			6	4	0
LEE CREEK									8.10		1.45	28	.0			14	9	4
LEOLA									4.45		1.89	16	.0			6	4	2
LITTLE ROCK WB AP	79.2	- 0.6	96	13+	62	6	14	0	3.31	- 0.44	.78	11	.0			10	7	0
LITTLE ROCK FILT PL									3.13		.87	11	.0			10	6	0
LOCK AND DAM NO 3									2.65		.88	14	.0			10	4	0
LOST CORNER									2.35		.48	10	.0			10	5	0
LURTON									5.50		2.11	11	.0			15	6	1
LUTHERVILLE	76.9	- 3.1	98	13	56	6	15	0	5.49	- 1.68	2.19	8	.0			11	4	3
MADISON									1.95	- 1.38	1.30	15	.0			5	1	1
MAGNOLIA	82.6	0.0	108	13	60	6	27	0	2.46	- 0.11			.0			4		
MALVERN	80.3		98	14	63	19+	22	0	3.00		1.30	10	.0			7	4	1
MAMMOTH SPRING	77.9M	- 0.2	98	22+	54	4	23	0	1.34	- 2.68	.58	15	.0			3	3	0
MARIANNA	77.7	- 2.8	95	23	55	6	18	0	4.04	1.13			.0			8		
MARKED TREE	78.4	- 1.2	98	24	56	6	19	0	4.32	0.78	3.75	14	.0			4	3	1
MARSHALL	75.4	- 3.0	96	22	48	6	12	0	5.28	- 0.01	1.50	14	.0			9	6	2
MARVELL									4.26		1.98	14	.0			5	4	2
MAUMEE									4.39		1.74	14	.0			10	4	1
MELBOURNE									3.22		1.07	15	.0			6	4	1
MENA	78.3	- 1.9	96	13+	60	5+	20	0	7.15	2.89	3.40	8	.0			13	7	2
MONTICELLO	79.7		97	13	62	5+	19	0	4.49		2.96	8	.0			6	3	1
MOROBAY L D 8									2.65		1.43	16	.0			6	2	1
MORRILTON	79.2	- 2.5	99	22	54	6	21	0	8.08	5.16	3.30	15	.0			9	7	2
MOUNT IDA 1	76.4M	- 3.2																
MOUNT IDA 2									4.08		1.49	11				6	4	2
MOUNTAIN HOME	75.6	- 3.1	95	21+	51	6	13	0	2.65	- 1.18	1.85	14	.0			5	3	1
MOUNTAIN VIEW									2.63		.69	8	.0			8	4	0
MOUNTAINBURG									4.31		1.03	11	.0			9	6	1
MULBERRY									4.18		1.00	8	.0			6	5	1
NASHVILLE	79.9M		99	14	57	6	21	0	2.56		1.09	16	.0			7	3	1
NATHAN									4.18		2.06	9	.0			6	4	2
NEWHOPE									3.78		2.42	9	.0			4	3	1
NEWPORT	79.6	- 0.9	99	21+	58	6	23	0	4.52	1.05	1.40	14	.0			10	5	2
NIMROD DAM	78.5		98	14	52	6	20	0	4.15		1.13	12	.0			11	4	2
NORFORK DAM	76.1		98	23	51	6	17	0										
ODELL									9.46		2.20	8	.0			15	11	3
ODEN	79.0M																	
OKAY	81.1M	- 1.7	102	13+	58	6	26	0	2.03	- 0.76	1.25	15	.0			7	3	1
OSCEOLA									1.25	- 2.00	1.13	13	.0			2	1	1
OWENSVILLE									4.68		1.02	12	.0			7	6	1
OZARK	78.4	- 3.7	97	23	58	6	19	0	5.10	1.37	2.00	8	.0			9	5	2
PARAGOULD	78.0M		98	23	54	5+	20	0	2.99	- 0.88	1.22	1	.0			5	3	2
PARKIN									2.15	- 1.00	1.50	14	.0			3	3	1
PARTHENON									5.29		1.91	14	.0			9	4	2
PERRYVILLE	78.1M	- 1.5	96	21	60	2		0	7.32	3.27	2.10	11	.0			5	5	4
PINE BLUFF	80.5	- 1.6	99	14	60	6	19	0	3.24	0.36	1.84	16	.0			8	3	1
PINE RIDGE									2.65	- 0.26	.88	8	.0			7	4	0
POCAHONTAS 1	79.0.	- 1.0	100	23	57	5	21	0	1.26	- 3.13	.56	14	.0			5	2	0
PORTLAND	79.7	- 1.7	99	14	58	6+	28	0	3.97	0.74	2.25	9	.0			4	2	2
PRESCOTT	79.9	- 2.2	100	14	57	6+	24	0	4.16	1.00	2.33	9	.0			6	4	2
PRESCOTT SCS									4.24		2.32	8				5	4	2
PYATT									4.89		1.62	14				9	6	2
RATCLIFF									2.91		1.39	8	.0			5	3	1
RAVANA									.79							6		0
REMMEL DAM									2.64		.86	8				7	4	0

See Reference Notes Following Station Index

ARKANSAS
AUGUST 1948

TABLE 2 — Continued
CLIMATOLOGICAL DATA

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT								PRECIPITATION, IN INCHES									
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	NO. OF DAYS		TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOWFALL (UNMELTED)			NO. OF DAYS		
							MAX. 90° OR ABOVE	MIN. 32° OR BELOW					TOTAL	GREATEST DEPTH ON GROUND	DATE	.01 INCH OR MORE	.25 INCH OR MORE	1.00 INCH OR MORE
ROCKHOUSE									3.97		1.72	10	.0					
ROGERS	75.0	- 2.8	94	22	50	5	7	0	7.80	4.03	2.30	11	.0			10	8	2
RUSSELLVILLE	78.7	- 1.7	96	21+	54	6	20	0	7.58	4.03	3.22	15	.0			8	4	2
SAINT CHARLES	78.3		97	13+	57	5	15	0	5.42		1.22	10	.0			9	6	3
SAINT FRANCIS									3.25	- 0.72	1.87	15	.0			5	3	1
SEARCY	79.6	- 1.1	98	22	56	6	19	0	4.58	0.98	1.38	15	.0			11	6	2
SHIRLEY									1.90		.69	13	.0			7	3	0
SILOAM SPRINGS	75.9		94	21+	52	5	12	0	11.15		2.80	11	.0			10	7	4
SMITHVILLE									2.30		1.05	13	.0			6	3	1
SPARKMAN									5.08		2.11	8	.0			5	5	2
STEVE									4.67		1.68	11	.0			7	7	1
STORY									3.83	0.81	.92	29	.0			8	5	0
STUTTIGART	78.6	- 2.3	93	13	60	6	10	0	5.19	1.73	1.84	7	.0			7	3	2
STUTTIGART 9ESE	78.5	- 2.5	95	14	59	6	14	0	5.48	3.39	2.00	10	.0			10	5	3
SUBIACO			93	23			11	0	4.48	0.91	1.32	8	.0			9	5	2
SUGAR GROVE									4.40		1.56	16	.0			9	4	2
SUGAR LOAF MTN									2.88		.93	15	.0			9	4	0
TAYLOR									1.40		.60	28	.0			4	3	0
TEXARKANA WB AIRPORT //	81.7	- 0.6	102	13	62	6	24	0	2.93	- 0.44	2.55	15	.0			5	1	1
TURNPIKE	69.9		89	19+	49	9+	0	0	4.75	0.66	1.95	11	.0			11	4	1
VIOLA									1.27		.92	27	.0			3	2	0
WALDRON	77.9		99	13	55	5+	19	0	4.20	1.14	1.70	8	.0			6	4	2
WALNUT GROVE									6.44		4.75	14	.0			5	4	1
WEDINGTON LAKE									13.94		3.95	14	.0			11	8	5
WEST FORK									15.16		3.52	14	.0			12	9	5
WHEELING									.76		.30	14	.0			6	1	0
WHITE ROCK	73.9		90	21	57	5	1	0	8.38		2.06	11	.0			12	9	2
WING									5.05		1.49	11	.0			9	6	2
WYNNE	78.5	- 1.6	97	23	58	6	16	0	2.07	- 1.68	.64	4	.0			8	4	0
YELLVILLE									3.33		1.13	13	.0			6	6	1
STATE	78.0	- 2.1	108	13	46	6	18	0	4.25	+ 0.71	4.75	14	.0			8	4	1

See Reference Notes Following Station Index

TABLE 3

DAILY PRECIPITATION

ARKANSAS
AUGUST 1948

STATION		DAY OF MONTH																															TOTAL	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ABBOTT	R				T				1.36	.53	.28		.31				1.12									.80	.18	.16		.16			4.90	
ALICIA									.50	.05	.25	.10		1.53	.67																		3.10	
ALPINE	Z					.17		T	3.14	.91	.13		.33			.94	.08									.28	.05	.13		.15			5.83	
ALUM FORK				T					.84	1.25		1.08				.73																	4.38	
ALY	R							.12	1.09	1.06		.94				.14										.55		.20					4.10	
APLIN					.22				.48	.39	1.18	.02	1.14			.21		.96									.03	T		.53		.68	5.84	
APPLETON	R								.74	.65		1.41															.16						2.96	
ARKADELPHIA	Z							T	1.12	1.94	.22	.23	.08			.37											.01		.04	.02	.23	T	4.26	
ARKANSAS CITY		T							1.53	.65	.17	T				.52									T		.23	T		.06			2.96	
ASHOOWN									.64							.98										.09	.35	.18	T				2.24	
ATHENS					T		.03	1.90	.72	.52		.35				.25	.95										.10	T	T		.75		5.32	
ATLANTA	R																																-	
AUGUSTA	Z				.20				.50	.15	.28		.63		.61	1.76																.13	4.26	
BATESVILLE AIRWAY									.08	.10	.08	.38		.27	1.30											.05							2.77	
BATESVILLE LIVESTCK					.04						.10	.28	.45			1.31											.03		T	T		T	2.21	
BATESVILLE L O 1	Z									.07	.10		.36		1.27	.03												.40	.35		.11	2.69		
BEAR CREEK LAKE	R								.47		.18					.03																	3.74	
BEATTY LAKE					.05						.26	.20		.19		.89																	1.75	
BEAVER					.03				.16		.46	1.32	.43	.02	.75	.69													.06	T	.33	.04	4.29	
BEE BRANCH			.23						.82	.30		.74					.05											.26					2.40	
BEECH GROVE											.50					T	.50												.15	.23		.22	.03	01.63
BEEOEVILLE											.71					.81													T				1.52	
BENTON									.15	.56	.71		.70				.56												T	.16			T	2.88
BENTONVILLE								.31	.25	.91		1.96	.37	.19	1.47													T	.43	1.15	.29		7.33	
BERRYVILLE	R								.20			.70	.20	.32	1.40																		-	
BETHESOA											.47	.33	.39	T		1.20																	2.91	
BIG FLAT			.19							.89	.11	.80	.09		T	.44												.04	.03	.64	.13		3.36	
BIG FORK									2.00	.70	.60	T	.20			T	.20																5.70	
BIG LAKE OUTLET									T		.29	.03				.22	T	.20															1.01	
BLACK ROCK											.23					.66	1.30												.45			.03	2.67	
BLUE MOUNTAIN OAM	R				.05			.05	.82	.34		.25	.93	.10		.25	1.22								.05	.18		.67	.12				4.76	
BLUFF CITY 3SW											1.60	.25					1.30												.32	.05	.12		3.64	
BLYTHERVILLE												.04																	.06				1.10	
BOONEVILLE	Z			.03			T	.10	1.35	.16		.12	.25			1.20										.13	.07	*	.02	.20			3.61	
BOONEVILLE 2S					.04			.01	.80	.69	.32	.04	.25	T		T	1.23												.27		.02	.05	.02	5.74
BOTKINBURG	R			.05				.05	.18	.26		.60		.08	.15												.18	.31	.20	.10			2.16	
BOUGHTON									T	3.20		.51					1.07												.25				5.03	
BRAOFORO									T	.40																				T	T		1.38	
BRINKLEY	//Z								.79	.19	.04	.76	.04	.47	2.10	.52																	4.91	
BULL SHOALS OAM	R	-	-									.35		.35	1.30														1.35				-	
BUROETTE																	.55																.93	
CABOT									1.03	.15	.32	.42		1.10	T	1.31	3.78	.40											.06		.29	.09	6.16	
CALICO ROCK									T	.18	.43					T	.77													.28			4.07	
CAMOEN 1										1.03	.04	.17	*	*	*	*													.14	.02		.13	2.51	
CAMOEN 2	R							.35	.73	.07	*	*	*	*	*	1.38										.05							2.75	
CAMP CHAFFEE					.04				T	1.57	.08	.27	.15	.19		T	.04	.20										.02	.06	T	.25	.09	2.96	
CANAAN	R		.05					.06	.50	.73		.65		.37	.91												.04	.41					3.62	
CARPENTER OAM	R								.81	.15		.69				.37																	1.98	
CLARENDON									.45	.94	1.45	.03	.53	.46	.14	2.38	.49													T	.01		6.88	
CLARKSVILLE	R		.94	.18		.11																												
CLINTON									.05	.20	.30	.20	.55		.15	1.97												.20	.10	1.19	.60		5.51	
COLO SPRINGS					.08				1.00	.65		.70					.05	1.00											.30	.30	.10		4.18	
COMBS	R			1.55				.35	1.00	1.69	.04	2.21	.45		3.31														.20				10.80	
COMPTON	R					.20		.13	.13	.64		2.44	.06		1.60											.50	.10		.39				6.06	
CONWAY			.02					T	.92	.46	.14	1.30					3.10	.05	T									.78	.41				7.18	
CORNING	Z						T																											

ARKANSAS
AUGUST 1948

- 96 -

TABLE 3 — Continued DAILY PRECIPITATION

ARKANSAS
AUGUST 1948

STATION	DAY OF MONTH																															TOTAL	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
WINFREY WING WYNNE YELLVILLE	R R		.14	.30 .64	.78	.57	1.55 T	.80 .41	2.66 .02	.40 .14	- .20	- .14	- .89	- .41	- 1.13	.09 T	1.25 .37									.25		.50	1.47 .28	.20 .40		.32	5.05 2.07 3.33

See Reference Notes Following Station Index

ARKANSAS
AUGUST 1948

See Reference Notes Following Station Index

TABLE 4 — Continued

HOURLY PRECIPITATION

ARKANSAS
AUGUST 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL	
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12		
MARIANNA								.01	.04	.05	.05	.10	.05												.30	
MAUMEE												.10	.01					.01							.12	
MENA	.39	.60	.13	.62	.95	.33	.17	.33	.25	.10	.14	.05	.01					.01							.07	
MONTICELLO								.04	.21	.25	1.35	.05	.05			.01	.01	.02	.02		.28	.22	.10	.12	.11	2.83
MONTROSE								.05	.02	.01	.52	.10	.02			.01	.01	.02	.13	.01	.12	.60	.22	.18	.06	2.06
MOROBAY L O 8								.05	.02	.43	.24	.01													.75	
MOUNT IOA 1	.01	.04	.10	.07	.07	.10	.16	.18	.12	.08	.02		.01		.13	.23	.01								1.33	
NIMROD OAM				.02	.13	.13	.10	.15	.04	.01		.01	.01	.01	.01			.01							.63	
PINE BLUFF 3N								.01	.04	.20	.20		.01	.01	.01			.01							.48	
PRESCOTT SCS								1.00	.98	.12	.08	.01	.01			.12			.01						2.32	
PYATT					.03																				.03	
REMMEL OAM					.12	.09	.13	.19	.17	.05				.01		.06	.04								.86	
SMITHVILLE								.15	.01																.16	
STUTTIGART 9ESE	*	*	.78	.04	.02		.07	.30	.30	.10	.25	.05	.01			.01	.01	.02		.05					1.96	
WALORON		.09	.52	.12	.02	.15	.21	.18	.08	.10	.10	.02		.06		.01	.01	.02							1.70	
WEOINGTON LAKE		.20	.35	.10	.15	.10	.20	.10	.02	.03	.02	.02	.01												1.30	
WEST FORK			.24	.16	.10	.08	.10	.07		.04	.01	.03													.83	
WING				.15	.15	.10	.10	.18	.02				.05		.05										.80	
-9th-																										
ALICIA																			.02	.02			.01		.05	
ALUM FORK								.15	.01	.03	.02	.14	.40	.39	.01										1.15	
ALY				.16		.75	.10		.04	.01															1.06	
APPLETON									.01	.02	.16	.06	.06	.04				.30							.65	
ARKAOLPHIA		.35	.09	.21	.10				.03	.05			.10	.01	*	*	*	*	*	*	*	*	.15		.99	
AUGUSTA																									.06	
BATESVILLE L O 1							.19	.01	.04	.01			.03	.06								.01	.01	.04	.34	
BLUE MOUNTAIN DAM													.10	.15											.25	
BOONEVILLE																	.10	.14			.02				.26	
BOTKINBURG																				.14			.01		.15	
BRINKLEY	//																								.07	
CAMOEN 2				.02																					.73	
CANAAN													.03	.07	.01	.03		.01	.50	.07	.01				.15	
CARPENTER DAM					.08	.01	.03						.03	.09	.29	.10		.50	.05						1.69	
COMBS					.03	.01		.40	.09	.13	.09	.29	.10				.50	.05							.64	
COMPTON										.10	.10	.01				.37	.04	.02		.18	.05		.07	.02	.32	
CORNING																									.40	
OALSY		.05	.75										.30	.05	.23	.02									.81	
OANVILLE							.70						.10	.01											.08	
OENVER													.06	.02											.75	
OUMAS 2																.55	.17	.01	.02						1.65	
OURHAM							.05	.18	.02	.30	.20	.03	.02			.82	.05	.01	.15	.13					.39	
GILBERT											.01	.07	.02				.01	.15	.13		.03				.03	
HAROLY							*	*	*	*	*	*	.08	*	*	*	*	*	*	.34	.03				.45	
HARRISON AIRWAY 6																									.05	
HEBER SPRINGS 3SW	.12	.02		.01	.25	.05											*	*	*	*	*	*	*	*	1.28	
HUNTSVILLE								.02	.12	.06	.13	.11	.01		.60	.22			.01						.05	
HUTTIG DAM								.03																	1.54	
KINGSLAND	.08	.01	.76	.39	.10	.11	.02						.03	.01	.01						.01		.01		.25	
LITTLE ROCK WB AP													.07	.16	.02										.24	
MAUMEE													.03				.12	.04							.73	
MENA		.15	.03	.01	.01					.43	.05		.03				.02								.57	
MONTICELLO	.07	.03	.17	.02	.13	.14	.01																		.75	
MONTROSE	.04	.01		.02	.02	.60	.08																		.30	
MOUNT IOA 1			.03	.13	.01								.05	.08											.10	
MOUNTAIN HOME																									.22	
NIMROO DAM							.10		.02			.36	.05	.36	.01		.01	.06	.02			.02	.11		1.10	
NORFORK OAM										.09	.11	.09	.04				.26	.30	.01						.90	
PARTHENON										.01	.04	.02				.08	.01								.16	
PINE BLUFF 3N													.14	.15	.01					.03					.39	
PRESCOTT SCS													.02	.01			.15	.05		.05	.03				.28	
PYATT			.06										.02	.01											.55	
REMMEL OAM																									.30	
SMITHVILLE			.02		.16	.07		.02		.11	.02	.12	.02	.01					.02	.04			.01		.07	
TEXARKANA WB AP	//												.07	.05	.02	.01									.15	
WEOINGTON LAKE							.25	.06	.71	.19	.11	*	*	*	.10	.33	.02								1.77	
WEST FORK													*	*	*	*	2.85								2.85	
WINFREY				.60	.48	.12	.20		.05				1.04	.22			.10	.02	.02						2.66	
WING													.10	.02		.01									.20	
-10th-																										
ALICIA	.25											.14	.07												.25	
ARKAOLPHIA																									.21	
AUGUSTA	*	*	*	*	*	.28																			.43	
BATESVILLE L O 1	.02	.01																							.03	
BEAR CREEK LAKE			.14	.04																					.18	
BRINKLEY	//							.02		*	.03	*	*	*	*	*	*	*	*	*	*	*	*	*	.05	
CAMOEN 2	</																									

ARKANSAS
AUGUST 1948

See Reference Notes Following Station Index

TABLE 4 — Continued

HOURLY PRECIPITATION

ARKANSAS
AUGUST 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL	
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12		
-14th-																										
ALICIA					.03	.07	.40	.06	.04	.05	.02														.67	
BATESVILLE L D 1	.34				.43	.23																			1.00	
BERRYVILLE					.04	.01	.08	.42	.53	.17	.09	.01		.05											1.40	
BLUE MOUNTAIN DAM																									.25	
BOTKINBURG								.10				.04	.01							.25					.15	
BRINKLEY	//										.01	.03		.01											.05	
BULL SHOALS DAM				.52	.10	.03	.03	.12	.11	.17	.10	.07				.05									1.30	
CAMOEN 2																										
CANAAN	.01	.14			.26	.03	.06	.10	.11	.06	.09	.04	.01												.91	
COMBS				.63	.50	.12	.95	.28	.50	.24	.06	.02	.01												3.31	
COMPTON			.09	.24	.08	.05	.40	.12	.30	.18	.13	.01													1.60	
CORNING							.01	.16	.15	.14	.04	.01	.01	.01	.01										.21	
OANVILLE																		.02	.15	.03			.01		.82	
OENVER				.03	.03	.01	.12	.18	.18	.13	.13	.01													2.78	
OURHAM		.04	1.01	.13	.07	.90	.03	.02	.50	.08															1.80	
GILBERT		.20		.01	.57	.07	.11	.18		.21	.11	.19	.12	.02				.01							.45	
HARDY					.05	.09	.08	.03				.05	.05	.08	.02											
HARRISON AIRWAY 6	*	*	*	*	*	*	.85	*	*	*	*	*	.92	*	*	*	*	*	.03							
HUNTSVILLE			.45	.10	.10	.29	.11	.40	.64	.17	.07														2.33	
LITTLE ROCK WB AP																					.01				.01	
MAUMEE		.05	.03	.12	.55	.07	.01	.12	.15	.28	.10	.17	.05			.03	.01	.10							1.74	
MOUNT IOA 1																									.10	
MOUNTAIN HOME					.88	.02	.05	.05	.10	.08	.13	.45	*	*	*	.24									2.00	
NIMROD OAM																			.05						.05	
NORFORK DAM													1.13	.02											1.15	
PARTHENON	.15	.25		.08	.07	.08	.51	.14	.04	.31	.18	.07	.03												1.91	
PYATT				.70	.12	.04	.01	.13	.16	.20	.11	.13	.02												1.62	
RAVANA																										
SMITHVILLE				.08	.04		.10	.13	.02	.01	.04	.09	.06	.06	.04										.67	
WALORON																			.38						.38	
WEDINGTON LAKE		.45	.20	.09	1.11	.70	.20	.90	.16	.05	.01	.08													3.95	
WEST FORK		.37	1.23	.16	.36	.75		.35	.25	.05															3.52	
WHEELING						.15	.05	.05	.05																.30	
WING																		.03	.06						.09	
-15th-																										
ALUM FORK																.63	.04	.01	.02	.05	.04	.01			.80	
ALY														.05	.03			.02	.03	.01					.14	
ARKADELPHIA																	.20	.09	.02	.04					.35	
ATLANTA																									.25	
AUGUSTA	*	*	*	*	*	*	1.76																		1.76	
BERRYVILLE																										
BLUE MOUNTAIN DAM																										
BOONEVILLE														.97	.20	.01		.01	.02	.01					1.22	
BRINKLEY	//			.11	.49	1.05	.43	.17	.10	.05	.01	.04	.01	.03	.01			.06	.02		.01	.01	.01	.01	1.17	
CAMOEN 2	*	*																.27	.41	.14	.22	.02	.17	.15	2.54	
CARPENTER DAM																.12		.04	.09	.06	.06				1.38	
DAISY					.02												.01	.53	.02	.07	.03				.37	
DANVILLE																.69	.11	.01							.68	
DUMAS 2																			.37	.08	.02	.10	.07	.02	.81	
FORREST CITY	.14	.02	.18	.66	.26	.28	.02																		.66	
HEBER SPRINGS 3SW		.39	.82	.39	.05																				1.56	
HUTTIG DAM																									1.65	
LITTLE ROCK WB AP								.37									.04	.07	.01	.73	1.52				2.25	
MAGNOLIA																	.05	.35	.09	.06	.06	.01	.01	.15	.63	
MARIANNA			.10	.50	.72	.28	.33		.07																1.60	
MENA				.02													.07	.01							2.00	
MONTICELLO																			.17	.03	.10	.15	.09	.06	.10	
MOROBAY L D 8																				.70	.02	.08			.60	
MOUNT IOA 1																.52	.01	.07	.01	.02	.02				1.22	
NIMROD DAM																.54	.08	.02	.01	.01	.04				.63	
NORFORK OAM				.63	.03	.75	.12	.05	.14	.06	.30	.05	.10				.03	.02							.70	
PINE BLUFF 3N																		1.30	.05	.05	.14	.11	.05		2.28	
PRESCOTT SCS										.01	.01	.01		.01				.75	.14	.09	*	*	*	*	1.70	
RAVANA	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.02
REMMEL DAM																		.06	.10	.06	.08				.33	
STUTTGART 9ESE							.12	.02				.14						.01	.03	.01	.02	.33	.04	.01	.73	
TEXARKANA WB AP	//																.40	2.02	.08	.03			.01	.06	2.60	
WALDRON																	.59	.16	.04						.81	
WING																	1.10	.08	.05	.01					1.25	
-16th-																										
ATLANTA	.27	.10					.15	-	-	.01	-	-													-	
BRINKLEY	//																								.02	
DUMAS 2		.01	.17	.01	.01																				.20	
HUTTIG DAM	1.25	.10	.17	.03	.01	.02	.02																		1.60	
MOROBAY L D 8	.11	.06	.01																						.18	
RAVANA				*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.02
WALDRON							.02																		-	
WINFREY	-	-	-	-	-	-																			-	
-17th-																										
RAVANA	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.58								.58	
-21st-																										
BEAR CREEK LAKE										.17	.16	.02													.35	
HARDY																										

ARKANSAS
AUGUST 1948

TABLE 4 — Continued
HOURLY PRECIPITATION

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
-24th-																									
BLUE MOUNTAIN OAM																	.03								.03
FOREMAN																	.11	.01		-	-	-	-	-	.12
MAUMEE																	.14	.08	.05						.27
MENA																		.25							.25
NORFORK DAM																		.10							.10
PYATT																									
WALDRON																.20									.20
-25th-																									
ALUM FORK																.02	.17	.01							.20
ALY																	.55								.55
BEAR CREEK LAKE				.53	.95	.25	.47	.05	.03	.01	.01														2.30
BLUE MOUNTAIN DAM													.03		.01	.01	.08	.04	.01						.18
BOONEVILLE																		.13	.07						.20
BOTKINBURG													.08	.10											.18
CAMOEN 2																			.05						.05
CANAAN																					.01	.02	.01		.04
COMPTON																	.30	.20							.50
OATSY															.04		.07	.15	.01			.03	.01		.31
HUTTIG OAM																	.41	.04	.02						.47
MAUMEE																.58									.58
MOROBAY L O 8																			.17	.07					.24
RAVANA										.03	.07	.02			.04										.16
TEXARKANA WB AP //																		.05							.05
-26th-																									
ALUM FORK				*	*	*	*	*	*	*	*	*	.05												.05
APPLETON								.10	.03	.01							.02								.16
BOTKINBURG	.01	.01					.08	.06	.14	.01															.31
CANAAN	.01				.05	.13		.15	.15	.02	.05														.41
COMBS			.03	.01	.01		.15																		.20
COMPTON							.10																		.10
OATSY	.01																								.01
OENVER							.46	.04		.03			.01												.54
OUAS 2				.05	.23	.01																			.29
OURHAM						.20	.10	.09	.01																.40
GILBERT							.66	.34	.02	.04	*	*	.01	.02	.02										1.11
HARRISON AIRWAY 6							*	*	*																
HUNTSVILLE										.05	.02	.02	.01												.10
LITTLE ROCK WB AP				.01	.17	.23																			.41
MAGNOLIA																									.35
MARIANNA																									.68
MAUMEE							.45			.07	.01		.05			.63									.53
MONTICELLO										*	.03														.03
MOUNTAIN HOME		.03							.02																.05
NIMROD DAM					.02	.03																			.05
NORFORK OAM													.03												.03
PARTHENON							.10			.01	.01										.02				.14
PINE BLUFF 3N				.15																					.15
PRESCOTT SCS													.48												.48
PYATT						.15	.38	.54	.15	.02	.03		.10	.02											1.27
WEDINGTON LAKE							.10	.25	.04	.01															.52
WEST FORK							.05	.25	.18																.48
WHEELING													.05	.04											.09
-27th-																									
ALY								.20																	.20
ARKADELPHIA																.01	.03								.04
BATESVILLE L O 1			.01	.32					.01	.02	.30														.66
BLUE MOUNTAIN DAM							.01	.56									.03	.02	.05						.67
BOTKINBURG																	.05	.15							.20
BULL SHOALS DAM																	1.15	.11	.08	.01					1.35
OANVILLE									.05								.01	.05							.11
OENVER															1.10	.24									1.34
LITTLE ROCK WB AP			.01		.02		.05						.01												.04
MENA																			.03						.08
MONTICELLO																									.09
NIMROD DAM										.02	.01		.05	.01			.07	.03							.10
PINE BLUFF 3N																									.05
SMITHVILLE										.03	.01				.05										.04
STUTTIGART 9ESE																.05	.23								.28
TEXARKANA WB AP //																	.08								.08
WHEELING						.02																			.02
WING								.50																	.50
-28th-																									
ARKADELPHIA																	.02								.02
BLUE MOUNTAIN OAM															.05	.07									.12
BOONEVILLE																.06	.03								.09
BOTKINBURG																	.10								.10
CAMOEN 2																									.13
COMPTON												.02	.28	.05	.01		.03		.07	.06					.39
CORNING																									.10
OURHAM												.20	.01	.07	.06										.35
GILBERT											</														

TABLE 4 — Continued

HOURLY PRECIPITATION

ARKANSAS
AUGUST 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
PRESCOTT SCS																				.03					.03
PYATT															.05	.19	.01								.25
WALORON																.07	.47	.11	.02						.67
WEOINGTON LAKE										.80	1.20	.05	.07		.08	.05									2.25
WEST FORK															.01	.02	.01								.04
WINFREY										.15	.43	.72	.12	.05											1.47
-29th-																									
ALUM FORK																	.15								.15
ARCADELPHIA																.21	.01								.22
BOONEVILLE															.05										.05
CAMDEN 2																.04									.04
CORNING																									.94
OENVER																		.02							.98
DURHAM										.48			.92	.08	.02	.02									.12
HEBER SPRINGS 3SW															.10	.02									.21
MARIANNA																				.21					.12
REMMEL OAM																.12									.06
TEXARKANA WB AP //															.05	.01									.10
WEOINGTON LAKE										.05	.05	.13	.02	.01											2.58
WEST FORK									1.39	.66	.37	.20													.20
WINFREY															.35	.03			.01	.01					.40
WING																									
-30th-																									
ATLANTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.13					.13
AUGUSTA																				.11					.11
BATESVILLE L D 1																									.27
BULL SHOALS OAM																									.18
CORNING	*	.27																		.17	.01				.11
FORREST CITY																									.11
LITTLE ROCK WB AP																		.10							.10
MAUMEE																	.05								.05
RAVANA																									
-31st-																									
BEEBE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BERRYVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BULL SHOALS DAM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CLARKSVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FOREMAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HARRISBURG	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KINGSLAND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LAKE LEATHERWOOD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MONTROSE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MURFREESBORO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NASHVILLE SCS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

See Reference Notes Following Station Index

ARKANSAS
AUGUST 1948

TABLE 5
DAILY TEMPERATURES (° FAHRENHEIT)

STATION		DAY OF MONTH																															MEAN
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALUM FORK	MAX MIN	87 62	91 63	92 65	84 68	82 62	83 55	85 65	85 65	76 68	88 70	86 69	90 69	93 74	88 70	83 68	87 68	90 65	90 64	94 68	93 65	95 66	95 68	93 69	91 66	89 68	84 70	90 70	91 70	92 70	93 69	90 70	88.7 67.1
ARKAOELPHIA	MAX MIN	93 62	92 63	95 66	96 68	90 61	86 56	88 64	82 68	75 69	82 70	90 71	85 70	95 72	98 72	95 74	91 67	88 65	90 65	94 65	95 66	95 69	95 69	95 69	95 69	94 70	92 71	89 71	93 71	94 69	95 69	93 70	91.3 67.7
ASHOOWN	MAX MIN	91 68	92 61	94 60	86 60	86 55	84 63	90 67	82 70	86 67	97 68	93 68	99 74	102 80	100 78	94 74	90 64	91 62	95 65	96 63	98 64	98 66	97 65	98 65	92 68	91 67	86 69	91 66	93 66	94 65	94 66	95 59	92.5 66.5
BATESVILLE AIRWAY	MAX MIN	88 58	91 63	92 61	87 62	81 58	82 54	82 64	75 67	79 66	90 71	86 69	88 68	92 69	80 69	87 69	87 64	91 63	94 67	95 64	96 66	97 69	97 70	98 70	95 66	93 67	88 71	86 73	94 69	94 68	95 68	89.4 66.0	
BATESVILLE LIVESTCK	MAX MIN	89 55	90 73	88 63	93 53	85 49	82 60	81 64	81 64	77 68	82 68	88 67	87 66	91 66	90 68	87 67	85 60	88 64	93 64	93 62	95 62	96 65	96 66	96 66	96 62	95 63	94 70	86 70	92 65	95 64	92 65	93 61	89.5 62.9
BEE BRANCH	MAX MIN	93 59	94 62	95 62	93 67	84 57	84 54	84 65	75 66	76 67	85 71	86 68	89 70	90 71	85 69	88 71	89 63	91 63	92 63	92 63	95 65	95 66	94 69	93 64	91 66	88 71	90 70	92 68	93 69	93 68	94 65	89.4 65.0	
BENTON	MAX MIN	92 68	92 58	93 64	94 62	88 57	85 53	85 66	88 67	88 68	88 71	90 70	85 67	93 72	96 69	90 68	90 66	88 63	94 62	95 66	95 63	95 64	96 65	95 66	96 69	93 66	91 71	88 70	90 68	95 67	95 67	95 67	91.4 65.4
BENTONVILLE	MAX MIN	85 58	87 61	91 60	91 65	72 52	79 52	77 58	77 62	84 62	75 64	87 67	90 67	90 68	86 67	79 63	92 61	90 64	91 62	94 64	93 64	94 68	97 68	96 62	92 65	87 69	83 67	86 65	87 64	87 64	88 63	87.4 63.4	
BETHESOA	MAX MIN	87 56	88 58	90 56	91 63	82 53	79 49	80 60	80 64	74 66	78 66	87 66	86 63	88 65	90 67	86 67	77 61	85 62	89 62	91 51	93 60	94 61	95 64	95 66	95 60	92 62	90 66	85 70	87 65	93 64	89 62	87.1 61.1	
BLTYHEVILLE	MAX MIN	87 61	87 67	92 65	91 69	83 59	80 61	83 64	85 62	84 68	88 73	90 74	88 66	90 69	95 73	80 74	88 61	83 65	90 68	94 67	96 68	94 66	96 67	97 69	100 71	98 73	96 76	96 75	95 74	98 72	92 67	90.0 67.0	
BOONEVILLE	MAX MIN	90 60	93 63	97 64	87 60	88 58	82 56	82 67	78 68	79 69	92 77	90 73	93 70	98 74	90 71	84 71	91 70	93 65	94 64	96 68	97 68	98 67	98 71	95 70	94 67	87 70	87 72	88 71	94 69	91 66	93 67	90.7 67.7	
BRINKLEY	MAX MIN	88 59	91 68	92 65	89 66	82 58	85 55	87 61	82 68	83 67	88 67	86 66	92 66	96 71	89 70	86 71	88 66	91 66	92 64	96 66	94 67	95 68	95 68	95 69	96 68	94 70	95 71	95 71	95 69	97 67	95 65	92.0 66.0	
CAMOEN 1	MAX MIN	93 63	91 61	94 66	96 66	93 62	86 55	89 64	92 69	80 71	85 72	96 71	91 74	99 76	101 74	99 74	93 69	89 65	93 65	95 65	98 65	99 65	97 67	100 68	99 69	97 71	94 71	86 72	94 70	97 69	97 69	97.0 68.8	
CAMP CHAFFEE	MAX MIN	92 62	92 64	94 69	94 69	84 57	84 60	78 64	83 67	79 69	78 70	92 70	88 73	93 70	97 74	81 67	90 64	91 66	93 66	96 68	98 70	97 72	97 72	97 69	95 69	89 70	89 72	87 73	91 70	88 67	94 69	90.0 68.0	
CONWAY	MAX MIN	92 69	95 62	94 64	88 57	85 52	84 65	85 66	79 66	78 67	87 70	85 68	93 68	95 74	89 70	82 65	89 64	91 63	96 65	96 65	96 66	96 68	95 69	93 68	92 68	89 68	89 72	92 68	93 68	93 68	92 68	90.0 66.0	
CORNING	MAX MIN	86 58	89 65	91 62	91 68	83 57	82 54	83 63	84 63	87 69	88 69	90 72	89 69	90 69	90 73	77 68	87 64	88 64	92 70	96 65	97 67	95 67	95 67	99 72	100 68	99 69	96 70	95 74	95 70	94 69	94 69	92.0 66.0	
CROSSETT	MAX MIN	87 62	91 60	92 65	93 65	92 57	89 57	90 69	88 69	87 69	90 71	92 71	94 73	00 73	98 72	93 75	88 69	90 65	93 50	95 64	96 64	95 65	94 65	95 65	93 67	91 71	90 71	94 72	98 68	95 68	92 67	92.0 67.0	
CUMMINS FARM	MAX MIN	86 62	90 62	90 77	87 65	83 61	82 57	84 65	79 67	81 67	86 69	80 65	89 65	96 72	90 70	89 70	85 69	88 64	90 62	93 67	95 64	93 65	93 66	94 67	90 67	90 69	86 73	91 69	93 69	91 67	90.0 66.0		
OAROANELLE	MAX MIN	93 63	91 63	95 65	94 68	86 56	85 56	83 59	83 59	75 68	79 68	89 71	89 69	92 73	94 73	81 69	91 65	91 65	95 66	94 65	95 67	96 67	96 67	96 70	96 68	94 70	93 73	88 70	87 70	91 69	93.0 66.0		
OE QUEEN	MAX MIN	92 61	93 68	95 65	90 68	86 60	86 61	86 66	85 68	85 70	95 73	93 73	97 72	101 74	100 73	96 70	89 68	90 65	94 67	95 67	98 67	97 68	95 70	95 69	92 67	87 70	85 70	89 71	90 68	91 66	93.0 68.0		
OES ARC	MAX MIN	86 60	87 64	91 65	90 66	88 60	81 55	82 58	86 62	75 68	84 69	89 72	82 66	90 70	95 70	87 67	87 65	89 66	92 66	93 66	94 68	100 72	94 69	95 70	93 71	92 71	93 71	90 70	93 69	92 68	89.0 66.0		
DEVILS KNOB	MAX MIN	95 65	94 66	93 63	81 55	84 57	85 56	79 57	77 55	70 64	74 62	77 65	82 64	85 66	89 66	87 62	87 64	85 62	88 61	87 63	89 71	91 70	92 72	90 73	87 72	84 69	81 68	93 71	91 68	92 68	85.0 64.0		
OUHAS 1	MAX MIN	86 63	87 64	92 67	90 61	82 56	85 56	87 66	79 72	84 70	87 72	83 68	93 75	98 72	92 73	91 71	88 66	93 65	94 67	95 68	92 67	95 68	95 68	93 68	94 73	88 73	95 71	96 71	93 68	91 68	90.0 68.0		
EL OORAOO	MAX MIN	92 64	95 62	97 66	99 66	90 63	92 58	92 62	84 70	90 70	96 72	95 73	105 75	107 77	100 76	90 68	93 65	93 65	96 69	100 68	101 67	100 68	100 69	101 70	100 72	92 70	98 72	97 70	97 69	97 69	96.0 68.0		
EUREKA SPRINGS	MAX MIN	88 60	90 64	90 66	76 56	78 53	77 63	75 65	81 62	73 67	89 67	89 69	85 70	81 65	83 65	85 64	89 70	92 66	90 68	94 69	95 68	94 72	95 68	92 68	89 68	85 69	82 70	86 71	87 70	87 66	86.0 65.0		
FAYETTEVILLE	MAX MIN	89 60	89 62	91 66	76 58	79 55	76 63	75 65	82 66	76 67	88 67	90 68	80 71	85 68	86 68	86 66	88 62	89 67	92 63	92 67	93 70	94 68	93 70	90 64	87 70	85 71	87 70	87 71	86 68	90 64	86.0 66.0		
FAYETTEVILLE EX S	MAX MIN	87 59	91 61	92 65	84 51	78																											

TABLE 5 — Continued
DAILY TEMPERATURE (°FAHRENHEIT)

ARKANSAS
AUGUST 1948

STATION		DAY OF MONTH																															MEAN
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HELENA	MAX MIN	88 65	87 67	90 67	92 70	88 63	81 61	83 63	80 67	75 69	82 69	87 73	81 67	85 68	92 72	87 72	86 70	88 67	90 67	90 71	94 71	94 71	94 72	94 70	94 70	93 72	92 73	89 73	94 74	93 73	95 70	93 71	88.7 69.3
HOPE	MAX MIN	95 74	94 73	94 74	97 75	91 63	86 62	87 62	91 69	77 67	84 72	97 72	93 71	100 74	99 75	101 74	91 67	88 64	91 64	94 69	96 64	96 67	95 67	96 68	97 68	95 71	93 70	86 72	92 71	96 68	96 69	94 70	93.0 69.2
HOT SPRINGS	MAX MIN	96 64	96 64	97 67	97 68	91 61	88 57	81 60	90 69	74 68	76 70	91 72	86 69	95 68	97 74	93 74	85 67	90 66	93 66	96 71	96 72	97 72	100 72	100 72	97 71	98 71	93 71	88 71	92 71	95 72	92 70	98 70	92.3 68.7
JONESBORO	MAX MIN	86 61	88 65	90 63	84 67	80 57	81 59	85 61	77 64	86 65	89 69	87 72	88 65	93 70	80 70	86 70	86 65	91 64	93 68	96 66	94 68	97 67	98 73	99 69	95 69	95 69	94 71	95 74	94 72	95 70	93 66	89 66	89.8 66.9
KEO	MAX MIN	87 60	91 62	92 65	88 65	82 58	84 54	86 64	78 68	82 69	90 73	84 69	92 73	98 74	90 72	88 72	88 66	94 66	95 69	96 66	95 67	95 69	95 69	94 67	94 69	86 73	90 73	93 70	95 69	94 68	90 65	90.2 67.2	
LEAD HILL	MAX MIN	90 65	91 60	94 63	77 65	82 48	82 46	80 65	83 63	77 62	91 69	90 67	95 67	89 66	83 70	87 67	89 63	91 65	92 65	94 58	90 61	94 64	98 67	96 62	95 64	91 67	85 67	80 67	92 67	91 66	92 66	90 62	88.9 63.3
LITTLE ROCK WB AP	MAX MIN	86 69	90 68	92 72	86 67	80 63	82 62	82 64	74 68	78 70	87 72	85 69	88 73	96 76	86 73	82 72	86 68	88 69	91 73	93 70	94 72	93 73	93 71	93 70	91 73	83 73	88 75	91 74	92 73	92 72	89 72	87.9 70.5	
LUTHERVILLE	MAX MIN	88 60	90 63	88 65	85 60	83 58	83 56	80 64	80 63	78 68	84 69	85 67	89 68	98 72	84 71	84 71	86 65	88 63	91 64	92 64	93 66	93 66	94 67	93 65	91 68	91 68	90 70	87 70	91 70	90 66	90 67	88.0 65.9	
MAGNOLIA	MAX MIN	92 65	95 63	97 66	98 65	88 63	89 60	91 90	90 72	89 72	106 73	99 73	105 73	108 75	107 75	101 75	97 70	92 65	98 65	95 65	101 67	99 69	98 69	97 69	95 69	91 75	88 70	92 73	95 71	96 69	94 70	96.2 69.1	
MALVERN	MAX MIN	93 64	92 68	94 76	96 72	88 66	87 66	85 66	88 67	86 67	80 70	91 71	85 68	95 76	98 75	92 78	87 72	90 65	92 66	95 63	97 63	96 65	97 64	96 66	97 67	96 67	94 74	92 70	88 70	91 68	95 74	93 68	91.8 68.9
MAMMOTH SPRING	MAX MIN	90 60	91 56	92 60	91 54	89 55	91 57	86 58	87 59	82 62	86 67	86 73	87 65	89 63	85 69	90 71	92 69	91 71	92 69	95 71	95 69	98 68	98 69	98 69	96 70	96 70	94 70	96 72	95 69	96 69	94 64	91.7 64.2	
MARIANNA	MAX MIN	90 60	90 62	90 64	86 66	80 65	81 55	83 61	77 65	84 69	88 70	86 67	90 70	94 69	86 70	86 67	85 62	88 64	90 67	94 67	92 66	93 67	94 69	95 66	92 69	92 70	92 71	92 71	93 69	91 68	88 66	88.8 66.6	
MARKED TREE	MAX MIN	87 60	88 64	92 64	90 65	87 60	86 58	84 59	87 65	76 66	88 70	91 72	86 72	90 65	95 69	83 65	87 63	87 63	90 65	94 66	96 66	96 67	96 69	96 68	97 69	95 69	93 73	96 74	97 69	96 66	92 67	90.6 66.3	
MARSHALL	MAX MIN	87 56	90 58	90 62	77 62	77 54	77 48	78 65	71 67	72 67	89 67	88 66	88 67	89 67	85 66	86 69	85 65	90 60	89 63	95 60	93 61	95 61	96 66	95 68	93 60	88 66	87 67	88 68	90 66	90 65	88 66	87.0 63.9	
MENA	MAX MIN	91 61	93 62	93 66	85 69	82 60	75 64	87 66	81 66	77 66	93 71	84 71	94 73	96 72	94 73	83 72	87 73	91 64	93 64	96 65	96 66	95 68	96 69	94 67	93 68	86 69	85 71	90 71	90 67	91 65	89.4 67.2		
MONTICELLO	MAX MIN	86 64	96 64	96 70	90 66	84 62	86 62	87 67	75 69	86 69	86 71	89 71	91 70	97 74	95 73	89 71	87 65	89 67	92 67	95 68	95 66	95 68	94 68	95 70	93 70	92 72	87 72	92 73	93 71	96 68	93 71	90.8 68.7	
MORRILTON	MAX MIN	94 62	93 66	95 66	96 69	86 58	83 54	85 63	85 66	71 67	79 70	87 71	88 68	94 75	95 70	90 66	84 66	89 66	93 67	91 68	97 67	98 67	97 69	98 70	97 67	95 69	94 73	90 71	92 69	94 69	96 68	91.0 67.4	
MOUNT IDA 1	MAX MIN	94 58	94 56	95 61	90 66	87 54	85 56	85 57	79 56	79 58	90 62	87 67	95 67	96 72	91 66	90 67	88 64	92 60	94 60	95 63	96 59	96 60	95 61	96 62	93 63	90 65	86 69	92 67	92 66	90 61	87.1 62.1		
MOUNTAIN HOME	MAX MIN	85 56	86 60	89 60	77 66	77 50	81 65	79 67	79 67	76 62	87 68	88 66	88 67	85 69	81 62	84 63	87 64	90 61	90 66	93 63	93 63	94 67	95 69	94 62	92 65	89 71	85 71	90 67	93 67	91 66	92 61	87.1 64.1	
NASHVILLE	MAX MIN	96 61	92 62	94 65	96 66	89 64	86 57	84 66	89 68	75 68	85 73	96 73	91 72	96 75	99 72	98 72	89 68	91 66	92 64	97 67	97 65	97 67	95 69	95 68	94 69	94 72	89 71	86 72	93 73	94 67	95 68	92.0 67.9	
NEWPORT	MAX MIN	91 62	93 63	94 64	88 65	84 60	84 58	80 67	76 66	83 66	92 68	86 67	91 68	97 68	84 73	90 72	91 69	92 66	95 67	97 66	97 68	99 70	99 71	99 69	97 69	95 70	93 72	94 70	96 70	95 69	92 69	91.8 67.4	
NIMROD DAM	MAX MIN	93 75	91 62	90 64	94 68	83 57	85 52	86 64	84 67	77 68	80 69	91 71	96 67	94 73	98 70	94 72	81 69	89 65	92 63	88 65	96 64	96 66	97 67	97 67	95 65	93 67	90 70	83 70	88 68	92 71	91 67	90.2 66.9	
NORFORK DAM	MAX MIN	89 56	90 62	93 59	94 56	79 53	86 51	83 58	81 65	78 69	79 67	90 67	87 65	90 65	87 67	87 67	88 63	91 64	93 62	94 61	95 62	96 65	98 68	97 63	95 67	91 64	88 70	89 67	93 66	94 62	89.2 63.0		
ODEN	MAX MIN							86 66	75 68	74 70	76 73	90 70	96 71	90 74	88 68	91 64	95 64	96 67	97 65	95 66	95 68	94 72	94 66	90 71	85 70	88 73	91 66	92 63	89 61	91 74	92 68	89.8 68.3	
OKAY	MAX MIN	90 62	93 63	97 65	95 67	89 62	84 58	90 68	88 69	71 71	93 73	95 65	99 73	102 74	102 75	98 75	90 69	91 66	95 66	98 66	96 68	95 68	97 68	97 68	91 68	88 71	93 72	95 75	92 68	95 68	93 69	94.1 68.1	
OZARK	MAX MIN	92 62	90 64	92 64	93 69	93 59	84 58	80 59	81 66	79 67	88 69	88 72	88 69	90 71	95 75	86 73	82 67	90 65	92 66	90 66	95 66	92 67	96 69	97 69	92 68	86 73	87 73	90 70	90 68	90 68	89.2 67.6		
PARAGOULD	MAX MIN	88 58	91																														

ARKANSAS
AUGUST 1948

TABLE 5 — Continued
DAILY TEMPERATURE (°FAHRENHEIT)

STATION		DAY OF MONTH																															MEAN	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
SEARCY	MAX MIN	92 63	94 66	95 66	89 71	84 61	85 56	87 66	78 66	79 69	89 72	85 68	91 68	93 73	87 71	87 72	87 68	90 66	93 67	96 68	96 67	97 68	98 70	97 71	96 69	95 70	90 74	89 74	95 70	97 70	95 69	92 68	90. 68.	
SILOAM SPRINGS	MAX MIN	89 60	90 62	91 66	79 66	80 52	76 57	78 62	82 66	75 65	83 66	88 68	91 68	87 71	80 68	85 66	86 64	88 61	90 65	93 65	91 65	94 67	94 68	94 69	90 64	86 66	84 67	87 69	86 67	88 67	90 65	90 65	86. 65.	
STUTTGART	MAX MIN	85 65	85 68	88 70	88 70	85 62	79 60	84 67	75 69	81 69	85 70	88 68	87 71	93 72	87 74	84 70	85 68	86 68	89 72	91 70	90 71	90 73	91 73	92 73	90 74	92 75	87 75	88 73	90 73	91 71	89 70	88 65	87. 70.	
STUTTGART 9ESE	MAX MIN	87 64	85 66	89 68	91 69	88 62	80 59	82 66	84 68	75 69	83 70	85 68	79 68	88 70	95 71	88 72	87 71	85 62	88 67	90 70	92 68	93 70	93 71	93 70	93 71	91 73	91 74	89 75	90 72	92 72	94 70	91 70	88. 68.	
SUBIACO	MAX MIN	91 67	91 65	89 69	86 70	81 65	80 62	79 69	77 62	75 49	85 53	83 52	85 52	91 52	85 53	85 60	86 54	85 55	92 51	91 68	91 69	92 69	93 69	93 59	91 56	91 56	88 53	86 60	83 66	89 66	88 65	90 65	86. 58.	
TEXARKANA WB AIRPORT	MAX MIN	91 67	93 65	94 69	89 70	86 65	85 62	90 69	83 72	86 72	96 73	94 75	100 74	102 76	100 75	95 71	89 69	91 69	94 68	96 72	97 71	97 71	97 71	96 72	93 71	91 72	88 72	92 73	94 73	94 70	93 70	94 71	92. 70.	
TURNPIKE	MAX MIN	83 61	85 55	85 55	75 51	74 54	74 55	72 57	69 62	88 49	77 53	78 49	82 52	85 65	80 53	81 60	80 60	83 54	83 55	89 51	87 68	88 69	89 69	87 59	87 56	87 56	83 53	80 53	79 60	78 66	84 65	85 67	82 64	81. 58.
WALORON	MAX MIN	90 59	93 61	93 64	88 68	83 55	77 55	83 65	80 67	79 67	93 70	88 70	95 68	99 70	92 71	85 69	89 68	92 63	93 62	96 64	97 64	97 64	98 68	96 67	96 63	85 67	83 69	89 71	92 68	91 67	93 65	92 66	90. 65.	
WHITE ROCK	MAX MIN	84 65	85 68	85 68	76 63	76 57	72 59	68 59	70 63	70 64	82 67	78 64	82 66	87 72	81 66	77 68	82 63	86 64	85 66	87 71	87 71	90 71	89 73	87 72	86 69	77 69	78 65	81 65	83 69	82 68	86 68	85 70	81. 66.	
WYNNE	MAX MIN	86 61	90 64	90 66	86 69	78 59	81 58	85 62	79 67	84 68	88 73	87 71	88 67	93 66	86 72	86 71	85 66	89 63	93 64	94 67	95 68	94 69	95 69	97 68	95 69	95 72	93 73	95 76	94 72	94 70	92 66	88 66	89. 67.	

See Reference Notes Following Station Index

TABLE 6

DAILY EVAPORATION (INCHES) AND WIND MOVEMENT (MILES)

ARKANSAS
AUGUST 1948

STATION		DAY OF MONTH																															TOTAL	DEPART- URE FROM NORMAL
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
BETHESOA	EVAP	.277	.299	.174	.260	.295	.176	.212	-	.379	.070	.248	.110	.6	.112	.674	.097	.123	.230	.220	.254	.230	.182	.222	.192	.248	.140	.022	-	.078	.106	.054	.290	6.387
	WIND	42	16	19	48	68	23	22	4	24	8	15	6	12	21	3	16	13	6	39	2	8	9	5	7	13	9	4	5	2	4	13	486	
HOPE	EVAP	.210	.186	.304	.224	.386	.315	.228	*	.223	.077	.245	.196	.230	.269	*	.526	.231	*	*	.743	.233	*	.504	.263	.228	.170	.094	.155	*	.461	.232	6.933	
	WIND	49	20	16	22	60	31	20	*	54	7	9	21	10	14	*	45	28	*	*	39	8	*	24	11	11	13	12	16	*	18	16	574	
NIMROD OAM	EVAP	.291	.269	.264	.246	.150	.260	.140	.094	.018	.123	.200	.148	.144	.187	.150	.121	.214	.244	.230	.264	.203	.228	.245	.282	.314	.2	.106	.088	.082	.121	.144	.187	5.757
	WIND	10	9	4	7	3	2	9	4	3	5	6	11	13	1	7	6	3	7	23	9	3	4	2	3	2	3	2	5	4	8	1	183	
NORFORK OAM	EVAP	.268	.234	.291	.275	.154	.228	.181	-	-	-	-	.120	.121	-	-	.220	.208	.170	.302	.229	.255	.271	.278	.267	.225	.125	.119	.163	.195	.203	6.590		
	WIND	32	17	24	27	33	24	32	19	12	17	15	13	18	1	12	11	14	14	20	14	14	13	32	7	9	13	9	24	5	26	6	545	
STUTT GART 9 MI. ESE	EVAP	.337	.200	.235	.223	.205	.639	.190	.087	.083	.079	.111	.036	.112	.160	.180	.175	.081	.175	.210	.186	.203	.182	.191	.184	.205	.164	.095	.080	.204	.221	.217	5.650	
	WIND	15	25	20	5	35	30	15	5	25	10	20	25	20	10	15	5	5	25	25	30	5	0	5	5	10	15	10	10	15	30	5	455	

TABLE 7

DAILY RIVER STAGES (FEET)

RIVER AND STATION		FLOOD STAGE	DAY OF MONTH																															HIGHEST (OR CREST)	DATE	LOWEST	DATE		
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31						
BUFFALO	GILBERT	30	3.7	3.7	3.6	3.6	3.6	3.5	3.5	3.5	3.5	3.5	3.7	5.8	4.8	4.6	8.0	6.1	5.3	4.8	4.4	4.3	4.3	4.1	3.9	3.8	3.8	3.7	3.7	3.7	3.9	3.9	3.8	8.0	15	3.5	8		
BLACK	BLACKROCK	14	2.6	2.6	2.5	2.5	2.4	2.4	2.3	2.3	2.3	2.3	2.2	2.2	2.5	2.5	3.0	2.7	2.4	2.3	2.2	2.0	2.0	1.9	1.9	1.8	1.8	1.8	1.9	1.8	1.8	1.8	3.0	16	1.8	25			
WHITE	COTTER	21	3.8	3.8	3.6	3.2	3.2	2.3	3.2	2.8	3.4	2.1	1.7	2.4	3.2	4.3	8.8	8.2	8.4	13.0	9.9	6.4	5.3	4.7	3.9	3.5	3.4	3.1	2.8	3.2	3.3	3.2	2.0	13.0	18	1.7	11		
	GO ROCK	19	2.7	2.8	2.8	2.8	2.6	2.7	2.9	2.8	1.9	2.9	2.4	2.4	3.2	3.6	4.6	8.8	7.2	10.3	10.8	6.7	5.0	4.2	3.4	2.4	1.7	2.5	2.2	2.5	2.5	2.3	2.7	10.8	19	1.7	25		
	BATESVILLE L & O #1	23	9.0	7.5	7.3	7.4	7.3	7.1	7.0	7.0	6.8	7.2	6.9	6.8	8.0	10.0	12.8	13.9	13.6	17.9	15.1	11.5	10.1	8.9	8.4	7.4	6.6	7.2	7.1	7.2	7.0	6.9	17.9	19	6.5	26			
	NEWPORT	26	5.1	4.7	3.5	3.5	3.3	3.1	2.9	2.7	2.7	2.5	2.8	2.7	2.5	2.6	5.2	6.8	10.1	10.2	12.2	14.3	12.1	8.9	6.7	5.0	4.3	3.2	2.7	2.8	2.7	2.7	2.5	14.3	20	2.5	10		
	GEORGETOWN	21	5.2	5.7	5.8	5.3	4.6	4.4	4.2	3.9	3.9	3.6	3.6	3.5	3.4	3.4	3.8	4.5	6.4	8.8	10.5	11.8	13.1	12.9	11.7	10.0	8.2	6.8	5.6	4.6	4.0	3.8	3.4	13.1	21	3.4	15		
	CLARENOON	26	13.6	13.4	13.4	13.4	13.3	12.9	12.5	12.2	12.2	11.9	12.0	12.0	12.0	12.2	14.2	14.2	15.0	16.1	17.2	18.1	18.9	19.3	19.4	18.9	18.0	16.8	15.5	14.2	13.2	12.4	19.4	24	11.9	10			
PETIT JEAN	OANVILLE	20	3.5	3.5	3.4	3.4	3.1	3.1	2.9	2.8	2.9	3.1	3.2	6.7	5.2	4.8	4.8	7.0	5.6	5.0	5.8	6.4	6.2	4.9	4.7	3.3	3.1	3.1	3.1	3.1	3.6	3.6	3.6	7.0	16	2.8	8		
ARKANSAS	VAN BUREN	22	20.9	20.4	18.9	17.0	15.5	14.5	13.4	10.8	12.9	12.1	13.3	13.0	12.0	14.3	18.0	20.9	21.9	20.3	20.0	19.1	16.6	14.8	13.2	12.0	10.7	10.4	9.9	9.5	9.3	9.3	9.0	21.9	17	9.0	31		
	OZARK	22	16.4	16.0	15.1	13.4	11.5	10.5	9.8	7.6	7.1	8.2	8.7	9.2	8.5	8.3	13.0	15.5	17.0	16.4	15.3	15.0	13.1	11.1	9.4	8.0	7.7	6.0	5.7	5.2	5.0	4.7	4.9	17.0	17	4.7	30		
	OARONELLE	22	18.3	17.8	17.3	15.9	14.2	12.4	11.7	10.8	8.8	10.1	9.8	11.0	10.9	9.8	11.5	15.6	18.3	19.0	17.5	17.1	16.1	14.0	12.3	10.8	9.6	8.3	7.7	7.4	6.9	6.6	6.4	19.0	18	6.4	31		
	MORRILTON	20	24.0	23.6	23.2	22.0	20.4	18.2	17.4	16.1	15.1	14.4	15.3	16.1	16.4	15.6	15.3	20.2	23.0	24.4	23.4	22.5	22.0	20.2	18.2	16.6	15.1	13.8	12.9	12.6	12.2	11.8	11.4	24.4	18	11.4	31		
	LITTLE ROCK WB AP	23	15.1	14.9	14.5	13.9	12.8	11.1	9.6	8.9	8.1	6.9	7.0	7.3	8.1	8.0	7.3	9.4	12.7	14.8	15.3	14.0	13.7	12.6	10.9	9.3	7.9	6.8	5.9	5.3	5.0	4.7	4.4	15.3	19	4.4	31		
	PINE BLUFF	25	17.9	17.7	17.5	17.2	16.6	15.3	15.8	12.5	11.8	10.6	9.4	10.1	10.3	11.0	10.6	10.4	13.9	16.4	17.8	17.5	16.7	15.9	15.1	13.6	12.0	10.6	9.3	8.1	7.1	7.0	6.7	17.9	1	6.7	31		
CAOON	GLENWOOD	10	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.5	3.8	3.8	3.7	3.7	3.7	3.7	3.7	3.7	3.5	3.5	3.5	3.5	3.5	3.4	3.4	3.4	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.8	9	3.3	29		
SALINE	BENTON	20	4.2	4.0	3.8	3.7	3.6	3.5	3.4	3.3	3.4	3.7	4.2	5.5	6.2	5.5	5.0	4.8	4.7	5.5	5.1	4.7	4.4	4.2	4.1	3.9	3.8	3.7	3.7	3.8	3.8	3.6	3.6	6.2	13	3.3	8		
LITTLE MISSOURI	BOUGHTON	20	3.9	3.9	3.8	3.8	3.7	3.7	3.6	3.6	8.0	11.7	8.4	6.7	5.7	5.2	4.4	4.8	5.5	5.0	4.4	4.4	4.3	4.3	4.3	4.3	4.2	4.1	4.1	4.0	4.0	3.9	3.9	11.7	10	3.6	8		
OUACHITA	ARKADOLPHIA CAMDEN	17	3.1	3.1	3.0	3.1	3.1	3.0	3.1	3.1	3.4	4.0	3.9	3.6	3.7	3.7	3.4	3.2	3.4	3.2	3.3	3.7	3.6	3.4	3.3	3.1	3.1	3.1	3.2	3.2	3.1	3.1	4.0	10	3.0	6			
		26	4.3	4.1	3.9	3.8	3.5	3.6	3.8	3.8	5.9	4.2	5.6	7.4	7.1	6.0	5.2	5.2	4.9	4.7	4.7	4.4	4.3	4.5	4.8	4.7	4.5	4.4	4.3	3.7	4.0	4.0	7.4	12	3.5	5			
LITTLE	WHITECLIFFS	25	0.9	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.2	0.2	0.2	0.2	1.0	2.5	2.5	2.6	2.6	1.8	1.6	1.5	1.5	1.4	1.1	1.1	1.1	1.1	1.1	-	-	-	-	-	-	-			
REO	FULTON	25	8.7	8.7	8.6	8.5	8.5	8.2	7.6	7.5	7.9	8.0	7.9	8.0	8.3	7.9	7.8	8.2	8.4	8.4	8.3	8.2	7.6	7.3	7.2	7.6	7.6	7.8	7.8	7.3	7.0	7.4	7.6	8.7	1	7.0	29		
ST. FRANCIS	ST. FRANCIS	18	8.9	7.9	6.3	4.7	3.6	3.0	2.7	2.6	2.5	3.2	5.5	6.6	3.2	5.0	4.2	3.1	2.6	2.4	2.3	2.8	5.2	5.7	5.0	3.9	2.9	2.5	2.3	2.2	2.5	3.7	8.9	1	2.2	28			
	ST. FRANCIS LAKE	30	18.9	18.8	18.6	18.5	18.3	18.1	18.0	17.8	17.4	17.0	16.6	16.6	16.6	16.8	16.6	16.3	16.1	16.0	15.8	15.1	16.0	16.3	16.3	16.1	16.0	15.8	15.8	15.6	15.6	16.3	17.6	18.3	30	14.5	6		
	MARKED TREE	17	6.1	6.0	6.0	6.0	5.9	5.8	5.8	5.8	5.7	5.6	5.4	5.2	5.2	5.1	5.3	5.3	5.1	5.1	5.0	4.9	4.6	4.0	3.8	3.8	3.8	3.7	3.6	3.6	3.6	1.0	3.7	6.1	1	1.0	30		
	PARKIN	28	6.2	6.2	6.1	6.0	5.8	5.8	5.7	5.6	5.5	5.5	5.4	5.4	5.3	5.5	5.7	5.6	5.3	5.1	5.0	4.9	4.8	4.6	4.3	4.2	4.1	4.0	3.9	3.9	3.9	3.1	2.5	6.2	1	2.5	31		
	MAISON	32	6.1	6.4	6.3	5.9	5.1	4.3	3.9	3.8	3.7	3.7	3.6	3.4	3.3	3.2	3.8	3.7	3.5	3.3	3.1	3.0	2.9	2.8	2.6	2.4	2.1	2.0	2.0	1.9	1.9	1.9	1.7	6.4	2	1.7	31		
MISSISSIPPI	HELENA	44	24.6	24.9	24.6	23.8	22.4	20.4	18.9	18.3	17.9	17.3	16.6	16.2	15.6	15.2	14.6	13.9	13.8	12.9	11.8	10.9	10.5	10.4	10.1	9.4	8.8	8.6	8.4	8.4	8.2	7.9	7.6	6.8	24.9	2	6.8	31	
	ARKANSAS CITY	44	21.2	22.9	23.8	23.7	22.1	22.2	20.7	19.2	18.3	17.2	16.3	16.0	16.1	15.6	15.1	14.4	13.9	14.9	14.9	14.6	14.4	14.6	14.6	14.2	13.8	13.1	12.3	11.6	11.0	10.5	9.9	9.3	8.7	23.8	3	8.7	31

STATION INDEX

STATION	INDEX NO.	COUNTY	DRAINAGE	O LAT.	O LONG.	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
ABBOTT	0066	SCOTT	ARKANSAS	35 04	94 12	624	C		7A		7		JAMES V. WILLIAMS	2 3
ALICIA	0118	LAWRENCE	WHITE	35 54	91 05	256	C		MID		22		BEN R. BUSH	2 3 4
ALPINE	0130	CLARK	OUACHITA	34 16	93 23	-	C		7A		2		MRS. ALTA F. GARNER	2 3
ALUM FORK	0136	SALINE	ARKANSAS	34 48	92 52	755	C	5P	5P	11	11		L. R. WATER WORKS	2 3 4 5
ALY		YELL	OUACHITA	34 47	93 29	850	C		MID		6		MRS. ELVIA LAMB	2 3 4
ANTOINE	0178	PIKE	OUACHITA	34 02	93 25	285	C		8A		6		EARNEST F. CARROLL	2 3
APLIN	0188	PERRY	ARKANSAS	34 58	92 59	400	C		7A		4		BESSIE L. EDWARDS	2 3
APPLETON	0196	POPE	ARKANSAS	35 25	92 53	522	C		MID		8		JOHN A. JONES	2 3 4
ARKADELPHIA	0220	CLARK	OUACHITA	34 07	93 03	200	C	7A	7A	52	52		W. H. HALLIBURTON	2 3 4 5 7
ARKANSAS CITY	0234	DESHA	MISSISSIPPI	33 37	91 12	145	C		8A		58		JOHN W. TRAMMELL	2 3 7
ASHDOWN	0286	LITTLE RIVER	RED	33 40	94 08	329	C	8A	8A	4	4		SOUTHWESTERN G & E	2 3 5
ATHENS	0300	HOWARD	RED	34 19	93 08	960	C		7A		0		ARRA D. PARKER	2 3
ATLANTA	0310	COLUMBIA	OUACHITA	33 07	93 52	329	C		MID		3		MISS EFFIE PERRY	2 3 4
AUGUSTA	0326	WOODRUFF	WHITE	35 17	91 22	218	C		7A		13		DAVID G. GRIFFITHS	2 3 4 7
BATESVILLE AIRWAY	0456	INDEPENDENCE	WHITE	35 46	91 39	363	C	MID	MID	40	40		AIRWAY OBSERVER	2 3 5
BATESVILLE LIVESTOCK	0458	INDEPENDENCE	WHITE	35 49	91 47	571	C	9A	9A	7	7		UNIV. OF ARKANSAS	2 3 5
BATESVILLE L & D 1	0460	INDEPENDENCE	WHITE	35 45	91 38	277	C		7A		35		B. M. HUDDLESTON	2 3 4 7
BEAR CREEK LAKE	0496	LEE	WHITE	34 43	90 42	220	C		MID		2		S C S	2 3 4
BEATY LAKE	0512	ST. FRANCIS	ST. FRANCIS	35 05	90 43	400	C		5P		7		L. G. ADAMSON	2 3
BEAVER	0518	CARROLL	WHITE	36 28	93 46	930	C		7A		3		H. E. SKELTON	2 3 7
BEE BRANCH	0528	VAN BUREN	ARKANSAS	35 27	92 24	650	C	5P	5P	56	56		MINNIE SCANLAN	2 3 5
BEEBE	0530	WHITE	WHITE	35 04	91 54	250	C		MID		5		JR. AG. COLLEGE	2 3 4
BEECH GROVE	0534	GREENE	WHITE	36 09	90 38	298	C		8A		7		B. B. HAMMOND	2 3
BEEDEVILLE	0536	JACKSON	WHITE	35 26	91 06	221	C		8A		8		P. M. BRECKINRIDGE	2 3
BENTON	0582	SALINE	SALINE	34 33	92 37	285	C	7A	7A	19	19		MRS. ETNA C. BURKS	2 3 5 7
BENTONVILLE	0586	BENTON	ARKANSAS	36 22	94 13	1295	C	8A	8A	42	42		E. L. BROWN	2 3 5
BERRYVILLE	0616	CARROLL	WHITE	36 22	93 34	1255	C		MID		5		LUCILLE R. MC WETHY	2 3 4
BETHESDA	0644	INDEPENDENCE	WHITE	35 49	91 47	500	C	8A	8A	8	8		S C S	2 3 5 6
BIG FLAT	0662	BAXTER	WHITE	36 00	92 24	1250	C		7A		2		W. C. NORMAN	2 3
BIG FORK	0664	POLK	OUACHITA	34 29	93 58	1100	C		4P		4		ANNA M. LILES	2 3
BIG LAKE OUTLET	0676	MISSISSIPPI	ST. FRANCIS	35 51	90 08	239	C		7A		3		N. W. DOUGLAS	2 3
BLACK ROCK	0746	LAWRENCE	WHITE	36 07	91 06	259	C		7A		46		J. H. RAGAN	2 3 7
BLUE MOUNTAIN DAM	0798	YELL	ARKANSAS	35 06	93 39	-	C		MID		8		U. S. ENGINEERS	2 3 4
BLYTHEVILLE	0806	MISSISSIPPI	ST. FRANCIS	35 56	89 55	252	C	7A	7A	22	22		R. E. BLAYLOCK	2 3 5
BOONEVILLE 3 MI S.W.	0828	LOGAN	ARKANSAS	35 09	93 58	465	C	6P	6P	33	33		NOVA RAE BURDICK	2 3 4 5
BOONEVILLE	0830	LOGAN	ARKANSAS	35 09	93 55	511	C		6A		7		CLEO E. YANDELL	2 3 7
BOTKINBURG	0842	VAN BUREN	WHITE	35 39	92 30	1200	C		MID		3		THOMAS M. PEARSON	2 3 4
BOUGHTON	0848	NEVADA	OUACHITA	33 52	93 18	235	C		8A		13		MAXINE K. ALLEN	2 3 7
BRADFORD	0872	WHITE	WHITE	35 25	91 28	240	C		7A		3		MARSHALL HICKMON	2 3
BRINKLEY	0936	MONROE	WHITE	34 54	91 11	205	C	7A	7A	57	57		ROBERT L. GLDVER	2 3 4 5
BULL SHOALS DAM	1020	BAXTER	WHITE	36 22	92 34	760	C		MID		1		U. S. ENGINEERS	2 3 4
BURDETTE	1052	MISSISSIPPI	MISSISSIPPI	35 49	89 56	240	C		6P		4		G. A. HALE	2 3
CABOT	1102	LONOKE	WHITE	34 59	92 01	289	C		6P		4		B. M. WALTHER	2 3
CALICO ROCK	1132	IZARD	WHITE	36 08	92 08	380	C		7A		43		MRS. M. R. BIGGERS	2 3 7
CAMDEN 1	1152	OUACHITA	OUACHITA	33 36	92 49	116	C	7A	7A	58	58		JOHN M. KNIGHT	2 3 5 7
CAMDEN 2	1154	DUACHITA	DUACHITA	33 35	92 51	155	C		MID		4		EDITH Z. LEHMAN	2 3 4
CAMP CHAFFEE	1172	SEBASTIAN	ARKANSAS	35 18	94 18	419	C	8A	8A	6	6		U. S. ARMY	2 3 5
CANAAN	1188	SEARCY	WHITE	35 52	92 44	-	C		MID		8		FRONIE DELL HORTON	2 3 4
CARLISLE	1224	LONOKE	ARKANSAS	34 47	91 45	235	C		8A		7		R. W. HOLLIS	2 3
CARPENTER DAM	1238	GARLAND	OUACHITA	34 27	93 01	-	C		MID		8		ARK. P. & L. CO.	2 3 4
CLARENDON	1442	MONROE	WHITE	34 41	91 18	172	C		7A		44		B. F. NORTHERN	2 3 7
CLARKSVILLE	1456	JOHNSON	ARKANSAS	35 29	93 28	370	C		MID		8		THOMAS L. SMITH	2 3 4
CLINTON	1492	VAN BUREN	WHITE	35 35	92 28	510	C		7A		26		EARL B. RIDDICK	2 3
COLD SPRINGS	1520	SCOTT	OUACHITA	34 58	93 54	1250	C		7A		7		MARGARET ZORNES	2 3
COMBS	1574	MADISON	WHITE	35 50	93 50	1400	C		MID		8		ROSA J. COMBS	2 3 4
COMPTON	1582	NEWTON	WHITE	36 06	93 18	895	C		MID		5		WILLIAM L. BINAM	2 3 4
CONWAY	1596	FAULKNER	ARKANSAS	35 05	92 27	309	C	5P	5P	64	64		G. Y. SHORT	2 3 5
CORNING	1632	CLAY	WHITE	36 24	90 35	293	C	7A	7A	54	54		MRS. LAURA POLK	2 3 4 5
COTTER	1640	MARION	WHITE	36 14	92 31	440	C		8A		20		O. B. MC SPADDEN	2 3 7
COVE	1666	POLK	RED	34 26	94 25	1050	C		7A		20		WILLIAM M. RAYMOND	2 3
CROSSETT	1730	ASHLEY	OUACHITA	33 02	91 56	175	C	5P	5P	25	35		U. S. FOREST SERVICE	2 3 5
CRYSTAL VALLEY	1750	PULASKI	ARKANSAS	34 42	92 26	350	C		7A		4		VIRDA' BYRD	2 3
CULPEPPER	1756	VAN BUREN	WHITE	35 30	92 33	750	C		7A		6		MRS. LIZZIE THOMPSON	2 3
CUMMINS FARM	1768	LINCOLN	ARKANSAS	34 08	91 35	176	C	7P	7P	4	4		T. C. COGBILL	2 3 5
DAISY	1814	PIKE	OUACHITA	34 14	93 45	629	C		MID		6		ROBERT T. TEDDER	2 3 4
DANVILLE	1834	YELL	ARKANSAS	35 03	93 24	370	C		7A		32		J. A. MOUDY	2 3 7
DARDANELLE	1838	YELL	ARKANSAS	35 13	93 09	330	C	7A	7A	62	62		GEORGE N. GODDIER	2 3 5 7
DE QUEEN	1948	SEVIER	RED	34 02	94 21	426	C	6P	6P	14	14		L. D. MC COWN	2 3 5
DENVER	1956	CARROLL	WHITE	36 23	93 18	1028	C		MID		6		CLARENCE E. COLLINS	2 3 4
DERMOTT	1960	CHICOT	MISSISSIPPI	33 31	91 26	140	C		8A		8		L. W. WILSON	2 3
DES ARC	1968	PRAIRIE	WHITE	34 58	91 30	204	C	7A	7A	12	12		C. J. RISTER	2 3 5 7
DEVILS KNOB	1982	JOHNSON	ARKANSAS	35 43	93 24	2350	C	5P	5P	11	11		ARCHIE BRADLEY	2 3 5
DUMAS 1	2148	OESHA	MISSISSIPPI	33 53	91 30	162	C	7P	7P	41	41		BEN JOHNSON	2 3 5
DUMAS 2	2150	DESHA	MISSISSIPPI	33 53	91 30	-	C		MID		5		BETTY R. HOLMES	2 3 4
OURHAM	2176	WASHINGTON	WHITE	35 57	93 59	1243	*C		MID		8		ANNIE A. WHITE	2 3 4
EAGLE GAP	2204	SCOTT	ARKANSAS	34 43	94 19	1150	C		8A		21		MRS. MINA C. RABB	2 3
EL DORADO	2300	UNION	OUACHITA	33 13	92 48	278	C	7A	7A	47	47		AYLMER H. MC BRIDE	2 3 5
ELKINS	2315	WASHINGTON	WHITE			1364	C	6	6	0	0		HERBERT S. CLARK	2 3 5
EUREKA SPRINGS	2356	CARROLL	WHITE	36 24	93 45	1465	C	6P	6P	46	46		GEORGE W. NICHOLDS	2 3 5
EVENING SHADE	2366	SHARP	WHITE	36 05	91 37	490	C		7A		8		OPHA WOLFE	2 3 7
FAYETTEVILLE	2442	WASHINGTON	WHITE	36 05	94 10	1370	C	7P	7P	10	10		CHARLES F. FORD	2 3 5
FAYETTEVILLE EXP. STN.	2444	WASHINGTON	WHITE	36 06	94 10	1412	C	5P	5P	60	60		UNIV. OF ARKANSAS	2 3 5
FORDYCE	2540	DALLAS	OUACHITA	33 42	92 22	280	C	5P	5P	16	16		ARK. FOR. COM.	2 3 5
FOREMAN	2544	LITTLE RIVER	RED	33 43	94 24	400	C		MID		8		LESLIE P. CALLONS	2 3 4
FORESTER	2556	SCOTT	ARKANSAS	34 46	93 49	650	C		7A		7		A. L. MC CRAW	2 3
FORREST CITY	2564	ST. FRANCIS	ST. FRANCIS	35 02	90 46	260	C		MID		8		THOMAS A. MOORE	2 3 4
FORT SMITH WB AP	2574	SEBASTIAN	ARKANSAS	35 20	94 22	458	C	MID	MID	66	66		U. S. WEATHER BUREAU	2 3 4 5 7
FORT SMITH WTR PLNT	2578	CRAWFORD	ARKANSAS	35 39	94 09	793	C		7A		10		R. J. SCHOEPE	2 3
FOUNTAIN HILL	2598	ASHLEY	OUACHITA	33 21	91 50	175	C		8A		5		JETHRO R. DENSON	2 3

STATION INDEX — Continued

ARKANSAS
AUGUST 1948

STATION	INDEX NO.	COUNTY	DRAINAGE	O LAT.	O LONG.	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
FULTON	2670	HEMPSTEAD	REO	33 37	93 48	260	C		8A		62		INA J. LOGAN	2 3 7
GARLAND	2710	MILLER	REO	33 21	93 42	230	C		7A		4		L. O. DENNEY	2 3 7
GEORGETOWN	2760	WHITE	WHITE	35 07	91 26	200	C		7A		35		J. S. MC DONALD	2 3 7
GILBERT	2794	SEARCY	WHITE	35 59	92 43	650	C	7A	7A	22	22		O. O. DENNIS	2 3 4 5 7
GLENWOOD	2842	PIKE	OUACHITA	34 20	93 33	547	C		8A		13		CHARLES A. PRICE	2 3 7
GRANNIS	2908	POLK	REO	34 14	94 20	920	C	7A	7A	22	22		W. E. MC VAY	2 3 5
GRAVELLY	2922	YELL	ARKANSAS	34 53	93 41	498	C		7A		8		HAROLD L. FRIZZELL	2 3 7
GRAVETTE	2930	BENTON	ARKANSAS	36 36	94 32	1250	C	6P	6P	50	50		J. A. SCHMIOT	2 3 5
GREEN FOREST	2946	CARROLL	WHITE	36 20	93 26	1350	C		7A		8		OBEO B. WILSON	2 3
GREEN MOUNTAIN	2952	STONE	WHITE	36 02	92 12	1100	C	5P	5P	10	10		U. S. FOREST SERVICE	2 3 5
GREENBRIER	2962	FAULKNER	ARKANSAS	35 14	92 14	360	C		7A		5		J. O. CANTRELL	2 3
GREENWOOD	2976	SEBASTIAN	ARKANSAS	35 13	94 15	518	C		7A		8		ODOROTHY M. BEEN	2 3
GURDON	3074	CLARK	OUACHITA	33 54	93 09	210	C		7A		0		ROY S. ROBBIS	2 3
HAMPTON	3098	CALHOUN	OUACHITA	33 32	92 28	202	C		7A				BILL S. WATSON	2 3
HAROT	3132	SHARP	WHITE	36 19	91 29	362	C		MIO		8		T. B. DONALDSON	2 3 4
HARRISBURG	3160	POINSETT	ST. FRANCIS	35 34	90 44	280	C		MIO		7		JOHN O. MAY	2 3 4
HARRISON	3164	BOONE	WHITE	36 14	93 07	1052	C	6P	6P	47	47		R. C. BEENE	2 3 5
HEBER SPRINGS 3 MI. S.W.	3230	CLEBURNE	WHITE	35 28	92 03	-	C		MIO		6		WAYNE STARK	2 3 4
HECTOR	3235	POPE	ARKANSAS	35 28	92 58	555	C		7A		0		NETTIE R. ALTER	2 3
HELENA	3242	PHILLIPS	MISSISSIPPI	34 32	90 35	200	C	7A	7A	75	75		JAMES A. BURNETT	2 3 5 7
HENOERSON	3258	BAXTER	WHITE	36 22	92 14	498	C		6P		7		DAISY A. PORTER	2 3
HILLEMANN	3354	WOODRUFF	WHITE	35 08	91 05	231	C		6P		5		JOHN B. MAULON	2 3
HOPE	3428	HEMPSTEAD	REO	33 43	93 33	375	C	7A	7A	77	77		UNIV. OF ARKANSAS	2 3 5 6
HOPPER	3438	MONTGOMERY	OUACHITA	34 22	93 41	700	C		7A		0		MRS. LONA A. SHIELDS	2 3
HORATIO	3442	SEVIER	REO	33 56	94 22	337	C		6A		2		ELIZABETH W. FRIOTAY	2 3 7
HOT SPRINGS NATL. PARK	3466	GARLAND	OUACHITA	34 31	93 03	630	C	7A	7A	55	55		NATIONAL PARK SERVICE	2 3 5
HUNTSVILLE	3540	MAOISON	WHITE	36 05	93 44	1453	C		MIO		8		MRS. MAY P. MARKELY	2 3 4
HUTTIG OAM	3556	UNION	OUACHITA	33 02	92 05	60	C		8A				U. S. ENGINEERS	2 3 4
ICELEO	3570	NEWTON	WHITE	35 52	92 59	1365	C		5P		4		LOY E. HILL	2 3
INOEX	3584	LITTLE RIVER	REO	33 35	94 03	300	C		8A		23		W. E. MC DOWELL	2 3 7
JASPER	3600	NEWTON	WHITE	36 01	93 11	857	C		7A				MRS. LETTIE O. OAVIS	2 3
JONESBORO	3734	CRAIGHEAD	WHITE	35 50	90 42	345	C	7A	7A	52	52		BENEDICTINE SISTERS	2 3 5
KEO	3862	LONOKE	ARKANSAS	34 36	92 00	230	C	7P	7P				R. A. WALLER	2 3 5
KINGSLAND	3904	CLEVELAND	OUACHITA	33 50	92 16	214	C		MIO		5		CLAUDIE W. HUNTER	2 3 4
LAKE CITY	3998	CRAIGHEAD	ST. FRANCIS	35 49	90 26	230	C		4P		8		TRESSA ST. CLAIR	2 3
LAKE LEATHERWOOD	4006	CARROLL	WHITE	36 27	93 46	-	C		MIO		3		CECIL E. MABERRY	2 3 4
LANGLEY	4060	PIKE	OUACHITA	34 19	93 50	-	C		7P		4		MRS. J. A. JONES	2 3
LEAD HILL	4106	BOONE	WHITE	36 24	92 54	650	C	7P	7P	42	42		F. W. KELLOGG	2 3 5
LEE CREEK	4116	CRAWFORD	ARKANSAS	35 42	94 19	1000	C		7A		2		ORPHA W. COCKSEY	2 3
LEOLA	4134	GRANT	OUACHITA	34 10	92 35	261	C		7A		5		J. R. RHODES	2 3
LITTLE ROCK WB AIRPORT	4248	PULASKI	ARKANSAS	34 44	92 14	257	C	MIO	MIO	68	68		U. S. WEATHER BUREAU	2 3 4 5 7
LITTLE ROCK FILT. PLANT	4250	PULASKI	ARKANSAS	34 46	92 19	512	C		MIO				L. R. WATER WORKS	2 3
LOCK AND OAM NO. 3	4256	INOPEENCE	WHITE	35 51	91 51	370	C		7A				EO ANSEL	2 3 7
LOST CORNERS	4324	POPE	WHITE	35 34	92 50	1550	C		7A				CATH. T. RUSSELL	2 3
LOUANN	4332	OUACHITA	OUACHITA	33 24	92 48	132	C		6P		4		CHARLES S. CURRAN	2 3
LURTON	4386	NEWTON	WHITE	35 46	93 05	2007	C		8A				I. C. SUTTON	2 3
LUTHERVILLE	4390	JOHNSON	ARKANSAS	35 29	93 15	775	C	6P	6P	51	51		MRS. H. G. LENHART	2 3 5
MAOISON	4528	ST. FRANCIS	ST. FRANCIS	35 00	90 43	215	C		7A		17		J. W. EPPES	2 3 7
MAGNOLIA	4548	COLUMBIA	REO	33 17	93 14	315	C	6P	6P	31	31		STATE AGRI. SCHOOL	2 3 4 5
MALVERN	4562	HOT SPRINGS	OUACHITA	34 22	92 49	311	C		8A	52	52		JOEIE W. MC MULLEN	2 3
MAMMOTH SPRING	4572	FULTON	WHITE	36 29	91 32	600	C	8A	8A	43	43		CATHERINE S. COX	2 3 5
MARIANNA	4638	LEE	ST. FRANCIS	34 44	90 49	234	C	8A	8A	36	36		UNIV. OF ARKANSAS	2 3 4 5
MARKED TREE	4654	POINSETT	ST. FRANCIS	35 32	90 25	229	C	7A	7A	43	43		CHARLES WALTON	2 3 5 7
MARSHALL	4666	SEARCY	WHITE	35 55	92 43	1050	C	6P	6P	29	29		MRS. MINNIE HORTON	2 3 5
MARVELL	4678	PHILLIPS	WHITE	34 33	90 55	195	C		8A				J. O. LOWRIE	2 3
MAUMEE	4696	SEARCY	WHITE	36 03	92 39	749	C		MIO		8		NAOINE F. OAVENPORT	2 3 4
MELBOURNE	4746	IZARD	WHITE	36 04	91 54	610	C		7A		3		HALL E. WALLER	2 3
MENA	4756	POLK	OUACHITA	34 35	94 15	1207	C	7A	7A	59	59		E. W. ST. JOHN	2 3 4 5
MONTICELLO	4900	OREW	OUACHITA	33 35	91 50	250	C	MIO	MIO	7	7		AIRWAY OBSERVER	2 3 4 5
MONTROSE	4906	ASHLEY	OUACHITA	33 18	91 29	125	C		MIO		5		JAMES L. ALSOBROOK	2 3 4
MOROBAY LOCK AND OAM	4934	CALHOUN	OUACHITA	33 19	92 27	85	C		6P		8		U. S. ENGINEERS	2 3 4
MORRILTON	4938	CONWAY	ARKANSAS	35 08	92 44	328	C	7A	7A	31	31		L. A. OIGUS	2 3 5 7
MOUNT IOA	4988	MONTGOMERY	OUACHITA	34 33	93 37	702	C	6P	6P	48	48		J. S. WHITTINGTON	2 3 5
MOUNT IOA RIVER	4990	MONTGOMERY	OUACHITA	34 33	93 37	-	C		MIO		4		JOHN WALLBRITTON	2 3 4
MOUNTAIN HOME	5036	BAXTER	WHITE	36 20	92 30	800	C	7P	7P	35	35		H. N. HALBERT	2 3 4 5
MOUNTAIN VIEW	5046	STONE	WHITE	35 52	92 07	768	C		7A		8		W. O. WORTHINGTON	2 3
MOUNTAINBURG	5056	CRAWFORD	ARKANSAS	35 38	94 10	736	C		6P		10		C. A. LOVELL	2 3
MULBERRY	5072	FRANKLIN	ARKANSAS	35 34	94 01	500	C		7A		8		HENRY G. ARVIN	2 3 7
MURFREESBORO	5078	PIKE	OUACHITA	34 04	93 41	367	C		MIO		8		ERNEST J. BABBITT	2 3 4
NASHVILLE	5112	HOWARD	REO	33 58	93 51	350	C	7P	7P	9	9		BRICE CARRUTH	2 3 5
NASHVILLE S C S	5114	HOWARD	REO	33 57	93 51	373	C		MIO		4		S C S	2 3 4
NEWHOPE	5174	PIKE	OUACHITA	34 14	93 50	850	C		7A		8		FLOYD WORO	2 3
NEWPORT	5186	JACKSON	WHITE	35 36	91 17	225	C		7A	64	64		WILLIS T. MOYER	2 3 5 7
NIMROD OAM	5200	PERRY	ARKANSAS	34 57	93 10	470	C	8A	8A	6	6		U. S. ENGINEERS	2 3 4 5 6
NORFORK OAM	5228	BAXTER	WHITE	36 15	92 15	425	C	8A	8A	2	7		U. S. ENGINEERS	2 3 4 5 6
OEELL	5354	WASHINGTON	ARKANSAS	35 48	94 24	1500	C		7A				MRS. RENZO HURST	2 3
OEN	5358	MONTGOMERY	OUACHITA	34 38	93 48	800	C		MIO		20		U. S. FOREST SERVICE	2 3
OKAY	5376	HOWARD	REO	33 44	93 56	300	C	5P	5P	19	19		J. T. HARGIS	2 3 5
OSCEOLA	5480	MISSISSIPPI	MISSISSIPPI	35 43	89 58	250	C		8A		47		C. E. CARTER	2 3
OWENSVILLE	5498	SALINE	OUACHITA	34 27	92 49	500	C		8A		4		GUY COOK	2 3
OZARK	5508	FRANKLIN	ARKANSAS	35 29	93 50	396	C	6A	6A	52	52		ORKNEY O. MILTON	2 3 5 7
PARAGOULO	5562	GREEN	ST. FRANCIS	36 04	90 29	275	C	4P	4P	24	24		KORS	2 3 5
PARKIN	5586	CROSS	ST. FRANCIS	35 16	90 35	222	C		7A		17		CARROLL KING	2 3 7
PERRYVILLE	5694	PERRY	ARKANSAS	35 00	92 49	325	C	6P	6P	8	8		PAULINE BENNETT	2 3 5 7
PINE BLUFF	5754	JEFFERSON	ARKANSAS	34 12	92 00	215	C	7A	7A	60	60		MARY T. SCHEU	2 3 5 7
PINE BLUFF AP 3 MI. N.	5756	JEFFERSON	ARKANSAS	34 15	92 00	215	C	MID	MIO				AIRWAY OBSERVER	2 3 4
PINE RIGGE	5760	MONTGOMERY	OUACHITA	34 35	93 54	840	C		7A		23		J. R. HUDDLESTON	2 3
POCAHONTAS	5820	RANDOLPH	WHITE	36 16	90 59	330	C	5P	5P	54	54		BENEDICTINE SISTERS	2 3 5
PORTLAND	5866	ASHLEY	OUACHITA	33 14	91 30	122	C	7A	7A	41	41		MRS. PEARL NEWTON	2 3 5

STATION INDEX — Continued

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. O /	LONG. O /	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
PRESCOTT	5908	NEVAOA	OUACHITA	33 48	93 23	318	C	7A	7A	59	59		R. P. HAMBY	2 3 5
PRESCOTT S C S	5910	NEVAOA	OUACHITA	33 48	93 23	-	C		MIO		7		W. L. MC LEAN	2 3 4
PYATT	5970	MARION	WHITE	36 16	92 51	800	C		MIO		6		ONA V. MC LEAN	2 3 4
RATCLIFF	6008	LOGAN	ARKANSAS	35 18	93 53	463	C		7A		3		LULA MAE WEEKS	2 3
RAVANA	6016	MILLER	REO	33 04	94 02	250	C		MIO		8		ARNICE O. TAYLO	2 3 4
RED STAR	6078	MAOISON	WHITE	35 51	93 31	2250	C		7A		5		ORVAL F. CALLOWAY	2 3
REMMEL OAM	6102	HOT SPRING	OUACHITA	34 26	92 54	-	C		MIO		8		ARK. P. & L. CO.	2 3 4
RISON	6174	CLEVELANO	OUACHITA	33 48	92 11	231	C		8A		32		J. H. YANEY	2 3
ROCKHOUSE	6214	MAOISON	WHITE	36 17	93 40	1214	C		7A		2		CLAUOE O. SISCO	2 3
ROGERS	6248	BENTON	WHITE	36 18	94 02	1387	C	6P	6P	57	57		HOWARO FOWLER	2 3 5
RUSSELLVILLE	6352	POPE	ARKANSAS	35 18	93 08	360	C	5P	5P	35	35		U. S. FOREST SERVICE	2 3 5 6
SAINT CHARLES	6376	ARKANSAS	WHITE	34 23	91 08	200	C	8A	8A	14	14		U. S. BIOL. SURVEY	2 3 5 7
SAINT FRANCIS	6380	CLAY	ST. FRANCIS	36 27	90 08	300	C		7A		20		WILLIAM S. BUCKLEY	2 3 7
SAINT FRANCIS LAKE	6382	CLAY	ST. FRANCIS				C		7A				CHARLES W. WALTON	7
SEARCY	6506	WHITE	WHITE	35 15	91 44	245	C	7P	7P	37	37		ARTHUR O. SMITH	2 3 5
SHERIOAN	6566	GRANT	OUACHITA	34 27	92 21	290	C	6P	6P	7	7		ARK. FORESTRY COM.	2 3 5
SHIRLEY	6586	VAN BUREN	WHITE	35 38	92 17	600	C		6P		8		MAUO H. BRAOFORO	2 3
SILLOAM SPRINGS	6624	BENTON	WHITE	36 11	94 33	1150	C	6P	6P	7	7		JOHN BROWN UNIVERSITY	2 3 5
SMITHVILLE	6698	LAWRENCE	WHITE	36 05	91 18	450	C		MIO		2		NORA F. RUOY	2 3 4
STAR CITY	6820	LINCOLN	OUACHITA	33 57	91 50	250	C		2P		5		R. A. GOYEN	2 3
STEVE	6856	YELL	ARKANSAS	34 53	93 19	682	C		7A		4		T. P. SIMS	2 3
STORY	6890	MONTGOMERY	OUACHITA	34 42	93 31	650	C		7A		23		S. C. STORY	2 3
STUTTGART	6918	ARKANSAS	ARKANSAS	34 29	91 32	214	C	7A	7A	60	60		GEORGE L. CLARK	2 3 5
STUTTGART 9 MI. ESE.	6920	ARKANSAS	ARKANSAS	34 28	91 25	198	C	7A	7A	12	12		UNIV. OF ARKANSAS	2 3 4 5 6
SUBIACO	6928	LOGAN	ARKANSAS	33 18	93 39	500	C	7P	7P	49	49		NEW SUBIACO ABBEY	2 3 5
SUGAR GROVE	6940	LOGAN	ARKANSAS	35 04	93 48	500	C		9A		8		O. R. FENNELL	2 3
SUGAR LOAF MOUNTAIN	6944	CLEBURNE	WHITE	35 29	91 58	300	C		7A		3		SANTFRO REYNOLDS	2 3 7
TAYLOR	7038	COLUMBIA	REO	33 06	93 27	247	C		6P		5		YANCY M. NORWOOD	2 3
TEXARKANA WB AIRPORT	7048	MILLER	REO	33 27	94 00	368	C	MID	MIO	63	63		U. S. WEATHER BUREAU	2 3 4 5
TINSMAN	7118	CALHOUN	OUACHITA	33 38	92 21	170	C		7A		5		HENRY S. SPEER	2 3
TURNPIKE	7262	POPE	ARKANSAS	35 40	93 05	2087	C	6P	6P	23	23		U. S. FOREST SERVICE	2 3 5
VAN BUREN	7370	CRAWFORD	ARKANSAS	35 26	94 21		C						BEN CORNELUS	7
VICK	7420	BRAOLEY	OUACHITA	33 19	92 09	115	C		6P		6		WILLARO K. SHARP	2 3
VIOLA	7450	FULTON	WHITE	36 24	91 59	692	C		7A		7		A. F. KING	2 3
WALORON	7488	SCOTT	ARKANSAS	34 54	94 06	675	C	5P	5P	28	28		WILLIAM O. BIVENS	2 3 4 5
WALNUT GROVE	7524	INOEPENOENCE	WHITE	35 51	91 21	250	C		6P		7		A. H. FAST	2 3
WARREN	7582	BRAOLEY	OUACHITA	33 36	92 04	206	C	6P	6P	53	53		C. N. TURNER	2 3 5
WEDINGTON LAKE	7638	WASHINGTON	ARKANSAS	36 06	94 23	1150	C		MIO		3		HARRY E. BIRKINSHA	2 3 4
WEST FORK	7694	WASHINGTON	WHITE	35 55	94 11	1340	C		MIO		8		MRS. N. C. THRELKELD	2 3 4
WHEELING	7744	FULTON	WHITE	36 19	91 52	680	C		MIO		8		THOMAS W. CONE	2 3 4
WHITECLIFFS	7812	LITTLE RIVER	REO	33 48	94 03	290	C		7A				L. M. SNEAO	2 3 7
WHITE ROCK	7772	FRANKLIN	ARKANSAS	35 41	93 57	2285	C	5P	5P	11	11		U. S. FOREST SERVICE	2 3 5
WILSON	7912	MISSISSIPPI	MISSISSIPPI	35 34	90 02	237	C	7A	7A	22	22		O. O. ANDERSON	2 3 5
WINFREY	7936	CRAWFORD	ARKANSAS	35 44	94 06	1152	C		MIO		8		CLYOE F. MEAOORS	2 3 4
WING	7950	YELL	ARKANSAS	34 57	93 28	350	C		MIO		5		MILES B. TURNER	2 3 4
WYNNE	8052	CROSS	ST. FRANCIS	35 13	90 46	260	C	6P	6P	39	39		P. G. QUEENSBERRY	2 3 5
YELLVILLE	8084	MARION	WHITE	36 13	92 41	900	C		7A		3		L. E. JOHNSON	2 3 7
NATHAN 4 MI. N.W.	5158	HOWARO	OUACHITA	34 07	93 52	550	C		7A		0		EONA J. WESTFALL	2 3
PARTHENON	5602	NEWTON	ARKANSAS	35 57	93 15	925	C		MIO		8		ARTHUR B. CARLTON	2 3 4
BLUFF CITY	0800	NEVAOA	OUACHITA	33 41	93 09	360	C		7A		-		R. P. FLYLER	2 3
JESSIEVILLE	3704	GARLANO	OUACHITA	33 42	93 04	730	C		7A		9		MRS. VELMA R. OUNN	2 3
SPARKMAN	6768	OALLAS	OUACHITA	33 55	92 48	260	C		6P		5		MRS. RACHEL M. BUTLER	2 3
MOUNT MAGAZINE		LOGAN	ARKANSAS	35 10	93 41	2800	C	7P	7P	0	0		U.S. FOREST SERVICE	2 3 5

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

- No record
- + And also on later dates.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- 6 Precipitation measured at 6-hourly intervals, no recording gage.
- M One or more days of record missing; see Table 5 for detailed daily record.
- AR This entry in time of observation column in Station Index means after rain.
- SS This entry in time of observation column in Station Index means sunset.
- K Total includes snow which accumulated in collar of the gage during previous period, and fell into gage for this measurement.
- R Station equipped with recording gage only. All amounts in Table 3 are for the non-recording gages, except for stations with this reference.
- T Trace, amount too small to measure.
- Z Hourly amounts from recording gage at the same site may be found in Table 4.

Data in Table 4 were formerly published in the Hydrologic Bulletin for Lower Mississippi-West Gulf. Amounts in this table are from recording gages. Traces are not shown. When hourly precipitation is missing for several days, only the first and last days are shown in Table 4.

Subscription Price: 15 cents per copy; \$1.50 a year. (Yearly subscriptions includes Annual Summary. Correspondence regarding subscriptions should be addressed to the Weather Records Processing Center, Room #9, U. S. Court House, Ft. Worth 2, Texas.

U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief

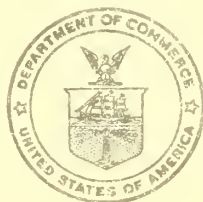
AGRICULTURAL EXPERIMENT STATION
JANSON COMING FERRIS

CLIMATOLOGICAL DATA

ARKANSAS

SEPTEMBER 1948

Volume LIII No. 9



ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages -- mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

Walter C. Hickmon, Section Director - Little Rock

GENERAL SUMMARY

September, 1948 was the driest September since 1928, and the third driest on record. Temperatures were also below normal, but despite these deficiencies, crops, excepting late corn and pastures, were approaching a near-record harvest.

The major portion of the rain fell during the first 10 days of the month, and was the direct result of a Hurricane moving inland near New Orleans on the 3rd. This hurricane developed into an orderly LOW and moved on NNE. The weather associated with this LOW gave light to moderate rains over the State, with near-normal amounts in the extreme NE part of the State.

A weak storm center (LOW) developed over Arkansas during the last days of the month, and caused general light to moderate showers over the State and accounted for about a quarter of the month's rain.

Thirty-five reports of high wind were received, but no damage occurred. There were no floods during the month, and rivers were at normal low stages for the season.

TEMPERATURES

The September mean temperature was 72.6° , 1.7° below the 58-year average. The daily run of temperatures were moderate and ranged from the month's high of 102° at El Dorado and Magnolia on the 6th and 8th, respectively, to the low of 35° at the Batesville Livestock Station on the 28th.

PRECIPITATION

The September average of 0.88 inch was just 26.7% of the 58-year average of 3.29 inches, making this the third driest September of record. The lowest of record was 0.45 inch in 1928.

The actual distribution of the rain was poor with the extreme NE corner of the state getting above normal amounts, and Polk County normal, while other stations reported figures down to zero. Two stations reported no rain during the month, while 6 reported only a trace.

One hail reports were received during the month, but no damage was reported.

TABLE 1
COMPARATIVE DATA

ARKANSAS
SEPTEMBER 194

YEAR	TEMPERATURE			PRECIPITATION			YEAR	TEMPERATURE			PRECIPITATION		
	MEAN	HIGHEST	LOWEST	AVERAGE	AVERAGE SNOWFALL	DAYS WITH .01 OR MORE		MEAN	HIGHEST	LOWEST	AVERAGE	AVERAGE SNOWFALL	DAYS WITH .01 OR MORE
1891	73.4	102	40	0.94	0	2	1921	76.2	104	35	3.38	0	6
1892	70.8	96	32	2.14	0	3	1922	73.0	106	37	1.25	0	3
1893	74.0	103	36	3.75	0	5	1923	69.7	98	45	5.56	0	9
1894	73.1	100	38	3.56	0	6	1924	80.5	103	29	3.99	0	7
1895	77.1	105	32	1.36	0	4	1925	76.8	113	47	5.96	0	7
1896	73.3	106	35	3.25	0	10	1926	75.9	101	40	3.99	0	7
1897	76.6	108	33	0.60	0	2	1927	70.5	105	32	3.37	0	6
1898	75.2	104	40	7.35	0	8	1928	73.4	101	32	0.45	0	1
1899	71.9	109	28	1.21	0	3	1929	75.7	102	41	2.46	0	5
1900	78.0	104	48	4.25	0	7	1930	78.4	106	35	4.10	0	8
1901	68.4	101	32	3.08	0	4	1931	73.8	102	34	1.00	0	3
1902	70.7	99	30	5.06	0	8	1932	78.5	103	35	2.54	0	6
1903	75.4	102	34	2.47	0	5	1933	71.3	102	41	5.10	0	8
1904	74.2	101	37	2.46	0	5	1934	72.4	100	37	5.46	0	8
1905	75.7	100	44	3.90	0	8	1935	78.9	103	35	3.13	0	5
1906	73.9	100	47	6.24	0	10	1936	72.7	109	38	4.15	0	7
1907	73.4	106	38	2.22	0	4	1937	75.7	102	34	4.27	0	7
1908	74.7	101	29	4.00	0	7	1938	79.9	107	32	1.55	0	4
1909	76.4	108	31	2.84	0	5	1939	71.2	112	35	1.77	0	2
1910	79.0	101	44	2.41	0	5	1940	75.4	100	31	1.83	0	4
1911	78.5	102	46	3.67	0	6	1941	71.3	102	39	3.60	0	5
1912	71.7	106	32	2.40	0	4	1942	70.4	100	28	3.52	0	7
1913	74.4	108	33	10.10	0	13	1943	74.3	104	38	3.23	0	8
1914	74.9	101	38	3.19	0	5	1944	73.8	103	42	1.84	0	4
1915	72.5	100	34	1.43	0	3	1945	74.0	104	39	7.85	0	10
1916	71.8	102	30	3.40	0	6	1946	72.4	100	33	1.48	0	6
1917	67.3	99	37	1.76	0	4	1947	76.0	112	36	3.28	0	5
1918	74.6	104	29	4.63	0	7	1948	72.6	102	35	0.88	0	4
1919	74.9	108	40	2.72	0	4	PERIOD	74.3	113	28	3.29	0	6
1920	79.6	100	30	3.56	0	6							

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

STATIONS	SEA LEVEL PRESSURE EXTREMES—INCHES				WIND				RELATIVE HUMIDITY AVERAGES				SUN- SHINE	DEGREE DAYS
	HIGHEST	DATE	LOWEST	DATE	AVERAGE SPEED M.P.H.	MAXIMUM SPEED M.P.H.	DIRECTION	DATE	1:30A EST	7:30A EST	1:30P EST	7:30P EST	AVERAGE PERCENT	
FORT SMITH WB AP	30.32	26	29.63	22	6.2	24	N	28	77	87	41	45	84	10
LITTLE ROCK WB AP	30.31	17	29.63	22	7.3	25	E	19	79	84	56	65	73	10
TEXARKANA WB AP	30.27	26	29.66	22	-	26	NNE	28	74	84	41	46	-	2

CLIMATOLOGICAL DATA

ARKANSAS
SEPTEMBER 1948

Table 2

Station	Temperature								Precipitation									
	Average	Departure from Normal	Highest	Date	Lowest	Date	No. of Days		Total	Departure from Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days		
							Max. 90° or above	Min. 32° or below					Total	Max. Depth on Ground	Date	.01 or more	.25 or more	1.00 or more
ALUM FORK	73.5	- 0.3	95	7+	50	28	19	0	.45	- 1.89	.20	7	.0			6	0	0
ARKAOELPHIA	74.3	- 1.9	99	9+	48	27+	19	0	.53	- 2.24	.45	23	.0			3	1	0
ASHOOWN	73.3M		99	21	44	25	17	0	.84		.40	22	.0			3	2	0
BATESVILLE AIRWAY	72.1	- 0.8	97	8+	47	27	13	0	1.45		.55	28	.0			6	2	0
BATESVILLE LIVESTCK	71.7		98	24	35	28	17	0	.98		.46	29	.0			4	1	0
BEE BRANCH	73.1	- 1.2	101	22	47	26	16	0	.26	- 2.93	.20	29	.0			2	0	0
BENTON	72.3	- 2.3	99	23	41	26+	18	0	.69	- 0.69	.46	9	.0			5	1	0
BENTONVILLE	70.1	- 1.0	95	23	41	26+	10	0	.02	- 4.20	.02	25	.0			1	0	0
BETHESOA	69.6		96	23	42	27	10	0	1.05		.42	30	.0			3	2	0
BLYTHEVILLE	72.1	- 2.1	94	3+	46	26	11	0	4.17	- 1.05	1.32	6	.0			8	6	1
BOONEVILLE	70.7	- 4.8	100	21+	36	25	17	0	1.00	- 2.32	.85	3	.0			2	1	0
BRINKLEY	72.9	- 1.9	97	8+	45	26	13	0	2.06	- 1.92	1.19	9	.0			5	2	1
CAMDEN 1	74.4M	- 1.2	99	23	46	25		0										
CAMP CHAFFEE	74.4M		100	23	45	26+		0										
CONWAY	72.2	- 2.6	95	6+	46	27	15	0	.63	- 2.72	.38	9	.0			3	1	0
CORNING	72.0	- 0.7	96	20	47	27	12	0	1.79	- 1.69	.76	29	.0			5	3	0
CROSSETT	74.3	- 1.3	98	8	49	25+	16	0	.54	- 1.85	.25	13	.0			4	1	0
CUMMINS FARM	72.0		96	22	47	25	12	0	.47		.27	28	.0			2	1	0
DARONELLE	73.1	- 2.3	96	8+	48	25+	16	0	.35	- 2.96	.19	29	.0			2	0	0
DE QUEEN	74.0	- 1.6	96	6	48	30	13	0	1.66	- 0.70	1.42	9	.0			2	1	1
OES ARC	72.4		97	9	47	24+	13	0	.87		.86	9	.0			2	1	0
DEVILS KNOB	70.8		93	6	45	25	6	0	.7		.7	6	.0			0	0	0
OUMAS 1	74.0	- 2.1	99	6+	50	27+	14	0	.65	- 2.32	.42	28	.0			3	1	0
EL OORAOO	76.4	- 0.8	102	7	48	25+	21	0	.78	- 2.11	.48	14	.0			7	1	0
EUREKA SPRINGS	71.5	- 0.8	95	22	46	26	9	0	.08	- 4.43	.05	7	.0			2	0	0
FAYETTEVILLE	70.6		94	22	42	27	7	0	.29		.24	24	.0			2	0	0
FAYETTEVILLE EX S	70.0	- 2.1	94	21+	41	27	7	0	.32	- 3.59	.21	24	.0			2	0	0
FOROYCE	75.6	- 0.7	99	7	49	25+	19	0	.75	- 3.19	.63	23	.0			2	1	0
FORT SMITH WB AIRPORT	74.0	0.0	98	6	46	26	17	0	.14	- 2.85	.08	3	.0			3	0	0
GILBERT	69.7		98	23	36	26	16	0	.31	- 3.26	.24	29	.0			2	0	0
GRANNIS	71.3	- 2.7	94	6+	48	24	6	0	1.57	- 2.67	1.49	9	.0			3	1	1
GRAVETTE	70.8	- 0.4	96	22	43	10+	9	0	.88	- 3.35	.88	23	.0			1	1	0
HARRISON	68.7	- 2.0	96	22	40	25+	10	0	.16	- 3.80	.12	28	.0			2	0	0
HARRISON AIRWAY	68.2		93	22	40	25	6	0	.15		.13	28	.0			2	0	0
HELENA	73.2	- 2.1	96	23	52	26+	14	0	1.61	- 1.67	.44	28	.0			9	2	0
HOPE	75.0	- 1.0	98	9+	49	11+	19	0	.08	- 2.98	.05	25	.0			2	0	0
HOT SPRINGS	75.7	- 0.1	98	23	52	26+	21	0	.21	- 3.16	.09	10	.0			4	0	0
JONESBORO	71.8	- 2.6	94	2+	48	26	10	0	3.04	- 0.32	1.14	29	.0			8	3	1
KEO	72.7		97	22	47	25	12	0	1.64		.85	9	.0			6	2	0
LEAO HILL	69.9	- 2.0	98	20	36	25+	15	0	.35	- 3.16	.23	4	.0			2	0	0
LITTLE ROCK WB AP	73.8	- 0.3	96	8	54	11	12	0	1.20	- 1.97	.91	22	.0			6	1	0
LUTHERVILLE	72.6	- 1.4	95	21	48	10+	14	0	.13	- 3.97	.10	28	.0			3	0	0
MAGNOLIA	77.4	- 0.2	102	8+	51	26	18	0	1.38	- 0.72	.80	22	.0			4	2	0
MALVERN	76.1		100	23	55	12	18	0	.31		.25	9	.0			4	1	0
MAMMOTH SPRING	69.3	- 2.4	94	21	38	30	13	0	.19	- 3.33	.19	6	.0			1	0	0
MARIANNA	71.5	- 2.6	94	22	45	24	12	0	1.22	- 1.52	.36	28	.0			6	2	0
MARKED TREE	72.3	- 1.1	97	22	46	26	14	0	2.19	- 0.77	.90	29	.0			5	3	0
MARSHALL	69.8M	- 2.0	95	21+	39	26	10	0	.56	- 3.47	.26	28	.0			3	1	0
MENA	72.7	- 1.6	97	22	49	27	9	0	1.70	- 2.16	.82	9	.0			7	2	0
MONTICELLO	74.3		98	8	51	25+	13	0	1.15		.62	13	.0			5	1	0
MORRILTON	73.6	- 1.4	98	8+	50	25+	18	0	.91	- 1.92	.70	9	.0			2	1	0
MOUNT IDA 1	69.5M	- 3.6	99	21	39	26		0										
MOUNT MAGAZINE	69.1M		91	22	45	26	1	0	.41		.25	22	.0			3	1	0
MOUNTAIN HOME	70.6	- 1.2	96	22	43	10	12	0	.35	- 3.40	.30	28	.0			2	1	0
NASHVILLE	74.6		97	7+	48	11	17	0	1.22		1.05	3	.0			5	1	1
NEWPORT	73.0	- 1.3	97	8+	50	26	15	0	2.50	- 0.92	1.43	9	.0			7	2	1
NIMROO DAM	72.8		99	23	44	25	18	0	.70		.47	9	.0			4	1	0
NORFORK DAM	70.9		97	21	42	25	15	0	.54		.38	29	.0			2	1	0
ODEN	73.5M																	
OKAY	75.5	- 1.2	99	6+	45	27	21	0	.35	- 2.47	.35	22	.0			1	1	0
OZARK	73.9	- 1.7	98	8+	48	25	18	0	.19	- 3.21	.19	5	.0			1	0	0
PARAGOULO	70.9		95	21	43	27	11	0	2.79	- 0.30	1.24	5	.0			8	3	2
PERRYVILLE	71.4	- 1.6	96	6+	41	9	11	0	.60	- 2.90	.48	10	.0			2	1	0
PINE BLUFF	75.8	- 0.7	98	7+	51	25+	17	0	1.22	- 2.15	.90	9	.0			4	1	0
POCAHONTAS 1	73.4	- 0.1	98	21	49	10+	16	0	1.21	- 2.13	.68	28	.0			4	2	0
PORTLAND	74.4	- 1.7	96	9	49	25+	19	0	1.22	- 1.38	.43	28	.0			7	2	0
PRESCOTT	74.2	- 2.4	99	7	48	30	18	0	.08	- 2.84	.04	14	.0			4	0	0
ROGERS	69.7	- 1.5	95	22	43	10+	5	0	.7	- 4.08	.7	7	.0			0	0	0
SAINT CHARLES	72.2		97	22	47	24	12	0	1.10		.45	9	.0			5	2	0
SEARCY	74.5	0.0	100	8+	51	26	17	0	.30	- 2.63	.21	28	.0			4	0	0
SILGAM SPRINGS	70.1		95	22	41	27	7	0	.72		.70	24	.0			2	1	0
STUTTGART	72.8	- 2.4	93	8+	51	25	9	0	1.36	- 1.73	.50	9	.0			5	3	0
STUTTGART 9ESE	72.8	- 2.0	94	7+	50	25+	11	0	1.57	- 1.06	.89	9	.0			6	2	0
SUBIACO	74.2M	- 0.9	96	22	49	25+	14	0	.48	- 2.91	.24	28	.0			3	0	0
TEXARKANA WB AIRPORT //	75.9	- 0.9	97	6	50	27	19	0	.23	- 2.44	.19	22	.0			3	0	0
TURNPIKE	68.1		89	21+	36	27	0	0	1.48	- 3.38	1.30	4	.0			3	1	1
VALORON	72.4		97	21+	40	25+	18	0	.63	- 2.53	.58	4	.0			2	1	0
WARREN	75.9	- 0.3	94	3	50	12	14	0	.41	- 2.97	.22	28	.0			3	0	

See reference notes following Station Index.

ARK IAS
SEPTEMBER 148

SEPTEMBER 148

See reference notes following Station Index.

DAILY PRECIPITATION

ARKANSAS
SEPTEMBER 1948

Table 3-Continued

Station	Day of Month																															Total	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
KEO				.42					.85				.12									.03	.03					.19				1.64	
LAKE CITY			.09	.23	1.12	.24			.22																			1.35	.05			3.07	
LEAD HILL				.12																												0.35	
LEE CREEK				.14																												0.40	
LEOLA													T											.45		.26		.05				0.50	
LITTLE ROCK WB AP	Z						.02	T	T				.03						.12			.91	.03				T	.09	T			1.20	
LITTLE ROCK FILT PL							T	T															.03					.17				0.20	
LOCK AND DAM NO 3					T	.27			.28														.03							.46		1.01	
LOST CORNER			.12																											.20		0.32	
LURTON				.21			.03																							.22		0.46	
LUTHERVILLE			.01				.02																						.10			0.13	
MADISON					.20	.10				.02																		.25	.45			1.11	
MAGNOLIA	Z							.08	.15	.02									.09	T			.80						.41			0.31	
MALVERN									.25	.02	T			T											.03					.01		0.19	
MAMMOTH SPRING						.19																											
MARIANNA	Z				.15	.07			.22					.11															.36	.31		1.22	
MARKED TREE					.54	.16			.19																				.40	.90		2.19	
MARSHALL				.18	T			T																					.26	.12		0.56	
MARVELL						.31								.51																		2.16	
MAUMEE	R				.10																		.12						.24	.01		0.47	
MELBOURNE				.45	.20	.40	T		T																							-	
MENA	Z			.11	.15		T		.82	T				.40									.02			.17				.03		1.70	
MONTICELLO	Z							.15					.62	.02															.18	.18	T	1.15	
MOROBAY L O 8	Z								1.03	T			.70																	T		1.80	
MORRILTON									.70	T																			.07	.21		0.91	
MOUNT IDA 1	R	-	-	-					.40				.19										.96	T								-	
MOUNT IDA 2																																-	
MOUNT MAGAZINE													.02										.25									0.41	
MOUNTAIN HOME	Z			.05																									.14			-	
MOUNTAIN VIEW				.12	.15	.37			.01	.01																			.30	.51		0.35	
MOUNTAINBURG																																1.17	
MULBERRY					T		T																		.41							0.41	
NASHVILLE		1.05						T	.06					.06								.03										T	
NATHAN				T					.31					T										.02							T	1.22	
NEWHOPE								1.00															.15								T	0.79	
NEWPORT					.03	.15		.05	1.43	.08											.01											2.50	
NIMROD DAM	Z			.02					.47													.05								.75		0.70	
NORFOLK DAM	Z																													.16		0.54	
ODELL				.57	.02																											.38	
ODEN																																-	
OKAY																						.35										0.35	
OSCEOLA																																-	
OWENSVILLE				.03			T		.95	.06				T								T										1.04	
OZARK				.19																												T	
PARAGOULD			.02	.04	1.24	.08		.03	.31																				1.05	.02		2.79	
PARKIN					.37				.40																							-	
PARTHENON	R																												.10	.03		0.13	
PERRYVILLE																														.12		0.60	
PINE BLUFF									.90	.05																				.18	.09	T	1.22
PINE RIDGE				.10					.93													.35		.17		.18						1.73	
POCAHONTAS 1					.46		T		.05																					.68	.02		1.21
PORTLAND									.27	.02			.12	.15																.43	.13		1.22
PRESCOTT									.02					.04								.01		.01								T	0.08
PYATT	R			.05																									.15			0.20	
RATCLIFF									T														T				T					T	
RAVANA	R							.13	.47																								0.60
RED STAR																																	-
REMMEL DAM	R							.09	.23														.03										0.35
ROCKHOUSE			.60																														0.60
ROGERS							T																										T
RUSSELLVILLE					.27																									.22			-
SAINT CHARLES				.06					T																					.40	.13	.06	1.10
SAINT FRANCIS				.45	.80	.14	.19		.40																					.99			2.97
SEARCY																																	

ARKANS.
SEPTEMBER 19

- 118 -

TABLE 4 — Continued

HOURLY PRECIPITATION

ARKANSAS
SEPTEMBER 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
BEAR CREEK LAKE													-10th-												
													-13th-												
ALY																									.05
ARKADELPHIA										.06															.06
ATLANTA										.05	.05				.02	.13		.04		.01					.30
CAMDEN 2						.02	.01	.03	.03	.01							.05	.02							.17
HUTTIG DAM								.09	.10	.03					.02										.24
LITTLE ROCK WB AP													.02	.01											.03
MAGNOLIA									.08	.02			.02												.12
MARIANNA											.10														.10
MENA															.12		.23								.35
MONTICELLO							.02	.06	.09	.02	.01		.08	.02	.03	.02	.04	.08	.01				.02		.50
MOROBAY L D 8								.15	.05	.04	.07	.09	.05		.19		.05								.70
PRESCOTT SCS															.05										.05
STUTTIGART 9ESE									.05																.05
WING															.05										.05
													-14th-												
CAMDEN 2												.05													.05
MONTICELLO				.01	.01																				.02
													-15th-												
ATLANTA																									
													-18th-												
BATESVILLE L D 1													.45												.45
													-19th-												
ALY													.14	.01											.15
BATESVILLE L D 1																	.15								.15
DAISY										.05	.01	.13	.01												.20
DANVILLE													.40	.10											.50
LITTLE ROCK WB AP																			.08	.04					.12
NIMROD DAM														.05	.01										.06
													-21st-												
DENVER									.02	.04															.06
													-22d-												
ARKADELPHIA													.03						.24	.09	.07				.43
BLUE MOUNTAIN DAM																.20									.20
BOTKINBURG													.10												.10
CAMDEN 2													.03							.01	.11	.01	.02		.18
CARPENTER OAM																				.03					.03
DAISY																		.05	.10	.05					.20
DANVILLE																									.37
FOREMAN																									.17
FORT SMITH WB AIRPORT															.04	.07	.01		.02	.07					.05
LITTLE ROCK WB AP																.90	.01								.91
MAGNOLIA																.57	.16	.04							.77
PINE BLUFF 3N																									.25
REMMEL DAM																				.02	.01				.03
TEXARKANA WB AP //															.08	.13									.21
													-23d-												
ALY																	.06	.03							.09
HUNTSVILLE													.07												.07
LITTLE ROCK WB AP																		.02	.01						.03
MAUMEE													.12												.12
PINE BLUFF 3N						.45																			.45
WINFREY															.04										.04
													-24th-												
ALY									.10																.10
BOONEVILLE												.10													.10
FORT SMITH WB AIRPORT												.01													.01
MENA													.18												.18
WEDINGTON LAKE								.53	.22	.01															.76
WEST FORK								.19	.10	.16	.01														.46
WINFREY										.20	.20	.05													.45
													-25th-												
CANAAN																									
													-27th-												
BRINKLEY //																	.01	.03	.02		.05	.05	.01	.02	.19
DUMAS 2																				.04	.05	.07	.01		.22
FORREST CITY																				.02		.02			.12
HUTTIG OAM																						.04	.02	.02	.08
MARIANNA															.03	.02	.03	.04	.07	.02	.04	.01			.26
MONTICELLO																					.04	.05	.01	.05	.15
PINE BLUFF 3N																						.07	.03	.10	.10
STUTTIGART 9ESE																.03			.01	.04	.05	.10	.01	.01	.25
WINFREY																									
													-28th-												
ALUM FORK																		.05							.05
APPLETON															.03	.01	.03	.08	.04		.01				.20
AUGUSTA																									
BATESVILLE L O 1											.10	.05	.15	.11	.09										.50

See Reference Notes Following Station Index

TABLE 4 — Continued

HOURLY PRECIPITATION

ARKANSAS
SEPTEMBER 19

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
BERPVILLE																	.02			.04					
ELUF MOUNTAIN DAM																	.05	.01	.02						
BOTVINBURG												.04	.01	.06	.08	.01	.01								
BRINKLEY //			.01	.01	.01					.09	.01		.05	.20	.05										.01
GULL SHOALS DAM																									
CORNING															.76										
DANVILLE														.05	.02	.06	.02								
DENVER																.04	.04			.10					
DUMAS 2	.05	.01	.04	.01	.02			.02	.10	.04	.01	.07	.10	.18	.03	.02									
FORREST CITY							.04	.02					.06	.05	.03	.01									.05
GILBERT												.02	.17	.20	.08										
HARDY																									
HARRISON AIRWAY																				.13					
HEBER SPRINGS 35W													.09	.08	.05	.08	.02								.05
HUTTIG DAM	.01		.03	.02			.05																		
LITTLE ROCK WB AP												.01	.01		.01	.03	.03	.01							
MARIANNA		.03	.02	.04							.01	.09	.16			.03	.03	.01							
MAUMEE													.05	.05	.07	.03	.05								.04
MENA																									
MONTICELLO	.05			.02	.03																				
MOROBAY L D 8		.02	.01	.02			.02	.01																	
MOUNTAIN HOME													.10	.07	.08	.01									
NIMROD DAM													.01	.01	.07	.01	.05	.02	.01						
NORFORK DAM										.01	.01	.01	.08	.04	.04	.03	.04						.01	.03	
PARTHENON															.03	.03	.04								
PYATT													.05	.05	.05										
SMITHVILLE											.08	.12	.12	.07	.03	.03	.05	.03							
STUTTGART 9ESE				.03	.02		.03			.01			.01	.06	.04							.01	.01		
-29th-																									
ALUM FORK																									
AUGUSTA	*	*	.48										*	*	*	*	.05								
MAUMEE	.01																								
NIMROD DAM								.01		.01	.01														
NORFORK DAM	.05	.02	.03	.01																					
PARTHENON													.09	.08	.08	.03							.05		
WHEELING															.05			.05							
-30th-																									
ALICIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ATLANTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BEAR CREEK LAKE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CANAAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOUNT IOA 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WINFREY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

See Reference Notes Following Station Index

DAILY TEMPERATURES

ARKANSAS
SEPTEMBER 1948

Table 5

Station		Day of month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALUM FORK	MAX MIN	89 65	92 60	58	92 60	86 63	94 63	95 68	95 66	90 61	90 55	90 53	89 54	87 50	93 60	92 64	92 60	92 60	92 65	92 66	95 65	95 62	92 62	85 57	77 53	77 52	75 55	76 50	63 55	64 53	87.4 59.5		
ARKADELPHIA	MAX MIN	93 64	92 58	93 61	95 65	89 65	93 63	98 64	98 67	99 65	75 55	60 50	90 51	91 58	84 64	92 61	95 62	96 65	94 65	95 65	92 65	96 61	97 62	97 64	87 57	82 51	79 52	76 48	78 52	74 58	70 48	89.1 59.5	
ASHDOWN	MAX MIN	92 54	94 64	94 65	90 57	93 60	97 67	97 64	96 67	77 59	80 62	88 59	90 62	85 60	84 60	90 64	93 65	93 69	92 62	96 62	99 64	91 62	71 46	79 44	76 45	80 52	82 51	83 50	83 46	85 48	88.0 58.6		
BATESVILLE AIRWAY	MAX MIN	87 58	93 57	93 66	86 62	72 64	95 62	95 71	97 68	70 59	83 51	88 52	87 53	87 58	91 58	90 59	92 56	90 61	88 62	94 65	95 70	96 66	97 65	87 59	77 52	75 48	71 49	77 47	69 56	65 54	77 54	85.5 58.7	
BATESVILLE LIVESTCK	MAX MIN	91 55	89 53	92 63	92 58	88 64	88 57	93 68	96 65	97 69	79 49	85 48	88 50	87 54	90 53	93 51	93 56	91 64	94 65	96 61	97 63	96 65	95 62	98 43	85 46	80 42	75 42	79 35	62 55	75 50	88.5 54.8		
BEE BRANCH	MAX MIN	93 60	92 55	92 65	91 63	82 65	92 60	94 68	96 63	88 62	85 50	86 50	88 52	89 58	95 58	95 62	93 59	91 60	88 61	95 62	93 62	95 61	101 65	93 61	83 52	78 48	74 47	81 49	73 56	64 55	77 56	87.9 58.2	
BENTON	MAX MIN	93 60	91 56	93 64	93 60	92 62	91 66	95 61	95 65	92 62	72 48	80 48	87 51	88 53	81 53	90 56	94 58	95 59	93 62	93 61	95 58	96 63	99 62	85 57	81 45	80 41	78 41	80 42	69 49	67 47	87.8 56.7		
BENTONVILLE	MAX MIN	90 64	89 55	88 58	92 61	89 58	86 57	92 61	90 64	83 52	74 44	83 49	85 52	86 53	84 53	88 56	91 56	90 61	88 61	87 64	90 65	92 66	94 63	95 62	84 56	78 43	74 41	75 41	73 42	73 49	66 48	85.0 55.2	
BETHESDA	MAX MIN	88 55	86 52	89 62	89 58	85 64	77 55	93 68	94 57	95 50	70 46	81 47	88 44	84 47	86 54	90 55	90 51	89 54	94 56	92 59	85 62	95 63	96 58	81 48	78 43	76 46	72 45	77 42	65 55	65 48	84.7 54.5		
BLYTHEVILLE	MAX MIN	88 61	86 64	94 66	94 66	80 66	72 65	90 66	88 69	94 63	67 55	81 58	82 58	87 64	81 63	90 62	88 62	93 63	89 65	91 65	92 67	94 65	94 67	90 59	73 49	75 48	73 46	71 48	75 49	70 55	73 55	83.8 60.3	
BOONEVILLE	MAX MIN	91 60	92 54	97 64	88 62	90 62	97 69	97 66	96 65	87 54	83 40	90 38	88 44	89 48	92 49	94 52	95 56	94 58	98 58	95 57	97 54	100 55	100 52	89 51	79 36	79 37	77 42	77 43	74 43	86 42	89.6 51.7		
BRINKLEY	MAX MIN	89 59	94 60	95 65	86 64	80 60	95 63	94 70	97 69	88 63	80 56	87 53	87 55	82 62	90 59	92 63	93 61	88 63	92 65	93 66	93 64	96 66	97 66	85 60	80 46	77 46	76 45	78 47	63 55	66 56	78 56	86.4 59.3	
CAMDEN 1	MAX MIN	94 62	92 60		97 63	89 64	91 66	97 71	98 68	98 67	79 50	89 52	90 57	81 61	91 62	94 62	94 63	94 64	95 62	96 60	97 63	99 66	91 66	83 46	79 49	76 45	79 45	73 52	73 57	77 47	89.1 59.7		
CAMP CHAFFEE	MAX MIN	94 63	91 62	92 68	92 65	92 62	76 65	97 71	97 68	94 63	79 48		91 47	89 56	88 55	92 58	94 61	95 65	93 65	93 66	96 67	97 64	98 65	100 64	98 59	82 49	78 45	75 45	77 52	75 52	74 51	89.3 59.4	
CONWAY	MAX MIN	90 58	92 56	92 65	89 63	84 60	95 68	95 68	94 65	82 61	80 51	87 51	87 52	84 53	90 56	92 57	92 60	91 61	92 63	93 61	95 65	95 63	85 60	80 52	78 47	73 48	78 46	74 55	67 56	80 54	86.5 57.9		
CORNING	MAX MIN	89 59	89 59	93 66	94 66	86 66	70 66	90 68	82 69	94 63	70 51	83 54	87 55	89 62	87 55	90 60	89 57	93 62	90 60	92 68	96 69	95 66	96 65	95 62	78 48	75 48	74 48	72 47	78 53	62 56	61 53	84.6 59.3	
CROSSETT	MAX MIN	90 67	93 65	91 66	86 61	91 67	96 68	95 68	98 67	93 68	79 63	87 56	88 53	84 53	86 59	93 65	93 63	91 63	91 63	92 58	94 61	97 68	88 65	85 56	79 51	75 49	79 51	71 57	73 58	86 49	87.9 60.6		
CUMMINS FARM	MAX MIN	88 63	91 60	91 65	84 65	86 63	92 67	93 65	95 65	84 63	78 59	84 49	87 52	82 66	88 61	92 62	92 60	88 58	91 62	92 61	92 60	94 58	96 62	85 63	80 52	73 47	70 48	79 49	65 54	67 53	81 48	85.4 58.6	
DARDANELLE	MAX MIN	93 63	89 60	91 59	93 65	90 65	89 63	93 63	96 65	95 62	74 52	80 52	87 53	86 57	91 56	94 59	92 62	93 62	92 62	91 63	94 63	96 66	96 66	96 66	85 56	82 48	80 52	74 45	72 52	75 52	67 52	87.5 58.6	
DE QUEEN	MAX MIN	90 62	91 57	91 65	88 66	88 60	96 64	94 68	94 66	80 63	76 54	88 50	92 55	92 65	87 65	90 61	91 65	89 68	89 68	90 68	91 64	93 63	94 64	89 62	84 61	80 49	75 53	77 55	77 63	82 54	83 48	87.1 60.9	
DES ARC	MAX MIN	90 63	88 59	92 66	92 64	85 65	81 63	95 63	94 65	97 62	68 54	80 53	85 53	86 54	84 58	89 62	90 61	93 68	88 67	91 64	92 66	93 65	95 66	96 60	80 51	78 47	75 50	73 49	77 55	63 55	68 57	85.3 59.4	
DEVILS KNOB	MAX MIN	85 58	84 60	85 68	89 60	91 62	93 61	89 65	92 67	75 54	77 51	84 58	82 61	80 62	84 58	84 65	85 65	84 64	82 67	89 65	90 66	92 66	90 70	82 62	80 52	75 45	70 45	70 47	68 50	65 50	74 52	82.3 59.2	
DUMAS 1	MAX MIN	90 64	92 62	93 66	83 60	97 65	90 67	97 68	99 67	88 61	79 63	85 52	87 57	78 68	88 63	92 63	89 63	94 65	95 64	94 62	96 62	94 63	85 64	80 56	76 51	74 50	78 49	70 57	64 57	68 50	80 50	86.5 61.5	
EL DORADO	MAX MIN	99 64	97 61	00 63	98 62	92 62	95 65	102 70	00 70	101 67	82 58	83 52	92 54	95 57	80 66	91 62	95 64	96 65	96 62	97 69	96 65	98 64	99 65	101 67	95 58	87 48	82 48	82 48	81 51	70 56	82 54	92.1 60.6	
EUREKA SPRINGS	MAX MIN	86 59	87 58	90 63	86 61	85 60	90 63	85 60	75 63	82 54	80 49	85 58	86 59	87 58	90 60	88 61	88 60	87 61	91 66	92 70	92 66	95 64	84 55	77 47	74 46	71 47	72 52	72 52	64 52	74 54	83.7 59.2		
FAYETTEVILLE	MAX MIN	87 59	87 55	88 63	88 62	85 60	91 59	90 65	84 66	74 56	82 46	85 50	85 52	83 53	88 52	90 56	89 56	88 69	87 67	90 70	92 67	92 63	94 64	88 56	79 48								

DAILY TEMPERATURES

SEPTEMBER 1948

Table S-Continued

Station	Day of month																															Average
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALBANY	MAX 49 MIN 42	93 62	93 66	87 64	81 65	95 62	94 69	96 66	79 63	79 55	86 51	87 54	80 62	89 61	91 64	93 60	89 59	92 63	92 66	93 64	95 61	97 66	84 61	79 52	77 47	75 48	79 51	65 56	67 56	80 48	86.0 59.4	
ALBANY	MAX 59 MIN 44	89 39	92 59	90 56	79 59	92 55	93 67	92 67	77 58	85 42	90 45	89 46	90 51	95 50	93 53	93 57	92 54	89 57	97 60	98 64	95 62	99 60	82 64	78 44	76 36	75 36	76 44	72 43	64 56	75 46	86.5 53.3	
ALBANY	MAX 86 MIN 67	90 66	91 72	86 68	83 69	95 65	95 72	96 68	74 59	85 54	85 58	80 64	87 65	90 69	91 66	89 64	90 65	90 69	91 68	96 65	95 68	80 64	76 57	74 55	72 54	76 57	67 57	65 57	76 54	84.3 63.3		
ALBANY	MAX 89 MIN 62	88 55	90 64	90 64	90 61	91 61	94 67	94 66	75 60	82 48	87 51	87 56	85 63	90 59	91 63	92 63	90 64	89 68	93 64	94 65	95 63	94 63	85 63	80 57	78 50	72 50	75 53	75 52	63 55	77 50	85.8 59.3	
MAGNOLIA	MAX 93 MIN 65	94 62	95 63	92 64	96 60	101 70	100 70	102 74	92 72	79 65	87 73	89 64	85 70	88 69	94 64	97 69	95 69	95 68	95 65	97 65	102 65	91 64	87 62	78 52	75 51	77 52	79 58	83 58	89 53	90.7 64.1		
MAGNOLIA	MAX 94 MIN 63	93 58	94 65	96 64	90 77	91 59	98 67	96 63	98 59	85 63	81 62	89 55	89 65	84 63	92 61	95 64	95 72	93 62	94 68	91 72	96 69	100 63	87 66	82 58	79 61	75 55	79 55	71 55	79 51	89.4 62.8		
MAMMOTH SPRING	MAX 91 MIN 55	90 55	91 52	93 56	90 57	86 50	88 59	89 60	90 58	82 46	84 46	85 49	87 47	89 49	88 48	90 52	91 52	90 48	89 56	94 52	92 50	90 51	89 46	88 41	88 39	81 41	78 40	79 41	81 38	87.9 50.6		
MARIANNA	MAX 87 MIN 61	91 62	91 65	78 65	78 65	92 65	91 69	93 66	75 63	78 57	85 51	85 54	74 67	87 59	90 63	90 61	86 63	90 66	91 66	90 68	93 65	94 65	80 60	76 45	74 46	72 46	74 47	63 54	70 54	77 57	83.2 59.8	
MARKED TREE	MAX 90 MIN 60	88 61	95 62	95 65	85 65	71 65	93 68	93 67	96 61	73 56	81 53	89 55	88 61	88 61	91 63	91 60	93 59	88 61	91 63	93 63	97 63	93 62	80 48	78 47	76 46	75 48	73 51	78 52	60 52	72 55	85.7 58.9	
MARSHALL	MAX 87 MIN 65	90 52	92 63	86 58	74 60	92 56	89 68	91 70	93 70	75 45	86 48	86 51	85 51	90 50				86 52	92 68	93 70	95 65	95 60	83 62	75 47	75 40	73 39	70 41	70 47	70 51	73 56	83.9 55.7	
MENA	MAX 91 MIN 66	89 55	91 65	86 61	87 61	94 71	93 65	95 65	76 52	78 51	86 54	84 59	86 64	89 61	91 65	89 65	88 67	89 65	92 64	95 64	97 69	88 62	77 58	73 50	68 49	72 51	79 50	76 54	82 51	85.4 60.0		
MONTICELLO	MAX 90 MIN 66	93 66	93 69	85 66	89 63	97 69	91 69	98 70	79 61	80 61	87 56	88 59	76 66	87 66	92 68	90 68	89 66	93 66	94 68	93 64	94 64	96 65	89 65	82 56	77 51	75 51	77 52	62 55	68 56	83 51	86.2 62.4	
MORRILLTON	MAX 92 MIN 62	91 59	94 61	94 63	86 64	86 68	96 68	98 61	96 54	70 53	82 50	90 54	89 60	94 59	93 60	90 64	91 61	91 64	96 64	96 63	97 64	98 64	85 56	80 50	77 50	72 51	78 52	70 52	67 54	87.8 59.3		
MOUNT IDA 1	MAX 90 MIN 50	88 48	96 52	98 55	97 60	77 60	80 44	87 45	86 43	80 45	88 47	92 55	93 59	92 59	93 60	94 60	95 62	99 57	97 61	89 58	81 57	77 46	76 39	74 41	69 45	75 50	86 45			87.0 52.0		
MOUNT MAGAZINE	MAX 80 MIN 63	82 59	83 65	79 65	80 66	86 66	87 68	79 53	72 54	79 58	78 62	81 64	82 65	84 65	83 64	83 65	88 67	87 67	89 69	92 69	91 69	78 52	72 49	69 52	64 51	68 50	60 50	60 48	73 50	78.7 59.4		
MOUNTAIN HOME	MAX 88 MIN 57	89 53	91 62	86 59	74 65	92 57	91 68	91 67	74 60	83 43	88 48	86 49	87 59	90 56	90 59	91 52	90 59	87 59	95 62	95 65	94 62	96 60	79 65	77 46	75 44	73 48	76 48	69 66	74 49	84.5 56.7		
NASHVILLE	MAX 94 MIN 67	91 60	93 67	88 67	92 64	97 64	94 65	96 65	74 66	78 53	86 58	88 66	84 66	88 61	93 66	93 68	92 67	93 69	90 63	94 61	95 63	97 60	90 52	80 52	77 52	74 51	76 51	81 50	82 50	88.2 61.0		
NEWPORT	MAX 90 MIN 63	93 61	94 63	87 66	77 67	93 63	94 64	97 68	75 64	83 55	88 53	88 55	88 57	93 59	92 60	95 59	92 61	91 62	93 65	93 65	97 64	96 66	83 62	79 51	78 51	75 50	78 51	65 52	68 57	77 53	86.4 59.6	
NIMROD DAM	MAX 90 MIN 58	90 58	90 57	93 54	90 61	90 63	90 58	97 68	94 66	60 53	71 53	79 53	88 57	85 59	90 60	94 58	94 61	93 63	91 65	92 63	96 63	98 65	99 62	88 52	84 48	80 46	77 46	78 51	74 50	67 50	88.1 57.5	
NORFOLK DAM	MAX 93 MIN 55	90 53	92 62	93 60	90 63	76 58	93 61	93 65	94 62	72 47	83 47	86 52	89 52	89 57	93 56	94 59	95 56	92 57	88 58	85 63	97 61	96 60	95 67	81 44	78 42	77 43	74 43	79 49	69 52	66 52	86.4 55.3	
ODEN	MAX 93 MIN 61	93 54	93 64								89 66	91 60	89 62	88 66	93 64	91 62	88 64	87 63	94 68	96 62	95 68	94 62	85 62	78 56	74 50	73 46	75 47	75 51	75 51	85 51	87.3 59.7	
OKAY	MAX 92 MIN 64	94 57	94 67	90 64	94 61	99 63	97 71	97 68	92 68	80 53	88 47	95 53	90 65	91 66	94 60	95 64	93 67	93 66	92 73	94 65	96 63	99 64	91 64	89 62	78 49	77 45	78 54	82 58	83 50	86 50	90.4 60.6	
OZARK	MAX 95 MIN 62	91 58	90 59	93 62	90 62	89 63	93 68	98 62	92 62	80 51	86 50	90 51	89 57	88 57	94 51	94 52	93 55	92 55	90 62	96 62	97 64	97 61	98 61	87 46	82 44	82 44	78 43	79 49	72 50	72 50	88.9 58.9	
PARAGOULD	MAX 85 MIN 64	94 57	94 62	85 61	78 64	96 63	87 67	93 64	88 59	84 49	86 50	87 50	88 59	91 51	89 52	93 55	89 55	90 50	93 62	93 62	95 62	93 61	82 61	76 46	75 46	73 44	77 43	76 52	75 54	78 50	86.0 55.8	
PERRYVILLE	MAX 93 MIN 68	90 57	92 56	89 63	87 63	96 68	86 66	77 61	79 60	85 58	85 51	89 55	90 56	91 56	90 51	89 61	92 63	94 62	96 60	95 63	85 63	83 55	76 61	71 64	67 53	71 54	77 50	80 50	89 49	85.4 57.3		
PINE BLUFF	MAX 92 MIN 65	91 64	94 66	94 67	87 67	90 68	98 71	97 70	98 68	69 60	78 55	87 58	87 67	87 65	90 66	93 65	93 65	91 67	94 70	94 68	95 68	97 69	98 67	86 57	81 51	79 51	77 53	80 55	80 55	81 52	88.6 63.0	
POCAHONTAS 1	MAX 91 MIN 63	94 58	94 67	89 63	79 65	93 69	93 67	96 63	87 62	83 49	88 50	90 52	95 63	94 60																		

DAILY TEMPERATURES

ARKANSAS
SEPTEMBER 1948

Table 5-Continued

Station		Day of month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WALDRON	MAX	90	92	93	88	88	96	95	94	83	79	88	86	86	89	92	93	92	92	94	95	97	97	94	91	91	89	91	77	77	83	89.7	
	MIN	58	53	65	60	59	58	69	62	62	53	45	48	53	56	55	55	59	60	61	62	60	62	59	56	40	40	40	43	48	48	55.0	
WARREN	MAX	91	93	94	92	87	97	93	91	86	86	87	85	80	84	86	92	91	89	92	91	92	93	90	89	86	80	81	76	69	86	87.6	
	MIN	63	64	67	66	63	71	73	70	69	60	56	50	70	64	66	66	67	68	71	67	71	69	67	62	60	59	59	58	58	52	64.2	
WHITE ROCK	MAX	82	82	85	86	82	84	88	84	73	77	81	79	78	84	85	85	85	82	85	88	90	89	81	74	72	67	71	64	63	78	80.1	
	MIN	64	62	68	65	63	66	63	68	54	54	58	63	64	63	67	67	66	66	67	68	68	70	62	54	52	50	51	54	51	52	61.3	
WILSON	MAX	90	88		93	85	71	90	90	88	72	76	88	84	88	89	85	88	85	88	86	88	90	87	80							35.6	
	MIN	60	63		65	60	65	62	69	68	58	57	58	57	62	63	63	63	65	68	68	67	67	63	50							62.7	
WYNNE	MAX	86	94	93	88	75	92	92	95	86	78	86	85	83	89	90	93	89	90	91	92	95	93	85	74	73	70	73	63	67	75	84.5	
	MIN	64	67	67	67	65	64	70	68	62	55	53	56	66	59	64	67	65	67	67	66	64	68	61	50	50	47	49	54	56	57	61.2	

See reference notes following Station Index.

TABLE 6

DAILY EVAPORATION (INCHES) AND WIND MOVEMENT (MILES)

ARKANSAS
SEPTEMBER 1948

STATION		DAY OF MONTH																															TOTAL	DEPART- URE FROM NORMAL
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
EVAP		.243	.211	.180	.118	-	-	.118	.322	.102	.062	.170	.282	.198	.204	.218	.254	.178	.292	.244	.170	.290	.274	.316	.190	.236	.247	.147	.150	-	.074	7.567		
WIND		.315	.301	.244	.188	*	*	.676	.435	*	.572	.169	*	.513	.087	.300	.257	.283	.279	.234	.176	.248	.235	.225	.270	.202	*	*	.738	.304	.208	7.159		
WIND		.45	.30	.11	.31	*	*	.76	.41	*	.66	.27	*	.55	.52	.44	.30	.32	.26	.26	.20	.24	.46	.43	.44	*	*	.196	.70	.27	1090			
EVAP	4.00 PM	.242	.220	.160	.200	.205	.321	.124	.256	.232	.060	*	.347	.228	.4	.065	.222	.232	.162	.137	.157	.230	.270	.262	.200	.174	.2	.196	.162	.080	.066	5.458		
WIND		.264	.238	.200	.264	.204	.072	.207	.175	.304	.088	.188	.257	.216	.229	.184	.201	.230	.250	.120	.243	.263	.299	.133	.246	.200	.196	.194	.189	.036	.017	235		
EVAP	5.00 PM	.254	.238	.200	.264	.204	.072	.207	.175	.304	.088	.188	.257	.216	.229	.184	.201	.230	.250	.120	.243	.263	.299	.133	.246	.200	.196	.194	.189	.036	.017	5.907		
WIND		.25	.21	.16	.27	.17	.22	.23	.29	.50	.19	.17	.29	.26	.30	.20	.17	.23	.36	.34	.15	.26	.24	.39	.22	.48	.60	.60	.48	.25	.16	864		
EVAP	10.00 PM 9 M. 10.00	.233	.235	.200	.224	.104	.115	.231	.259	.174	.061	.106	.172	.190	.062	.165	.174	.186	.190	.157	.208	.194	.192	.170	.166	.171	.213	.166	.112	.009	.040	880		
WIND		.35	.30	.10	.15	.40	.40	.50	.50	.40	.25	.10	.10	.30	.20	.20	.15	.30	.30	.25	.30	.25	.20	.15	.25	.40	.55	.60	.35	.30	.5			

TABLE 7

DAILY RIVER STAGES (FEET)

RIVER AND STATION		FLOOD STAGE	DAY OF MONTH																															HIGHEST (OR CREST)	DATE	LOWEST	DATE
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
BUFFALO	BOULEVARD	30	3.8	3.7	3.6	3.6	3.6	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.3		3.8	1	3.3	29
BLANCH	BLACK ROCK	14	1.8	1.8	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.7	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.4	1.4		1.8	1	1.3	25
WHITE	COTTER	21	3.4	3.3	2.8	3.0	3.1	2.7	1.9	1.9	1.8	2.1	3.7	2.6	2.7	1.9	2.1	2.0	1.8	1.7	1.6	1.8	1.4	1.3	1.8	1.8	1.6	1.5	1.2	1.2	1.3	0.8		3.7	11	0.8	30
	CALICO ROCK	19	2.1	2.5	2.4	2.4	2.4	1.8	2.0	1.8	1.8	2.0	2.4	2.6	1.7	2.4	2.1	2.1	2.3	2.0	1.7	0.9	1.2	1.6	1.6	1.9											
	BATEVILLE L&D 1	23	7.1	6.7	6.9	6.9	6.9	6.8	6.4	6.7	6.5	6.4	6.5	7.1	6.8	6.5	6.8	6.4	6.5	6.5	6.4	6.2	5.4	6.2	6.1	6.1	6.4	6.3	6.2	5.0	6.2	6.1		7.1	1	5.0	28
	NEWTOP	26	2.5	2.4	2.2	2.3	2.2	2.2	2.0	1.9	1.9	1.7	1.7	1.6	2.3	1.9	1.8	1.8	1.6	1.6	1.5	1.5	1.5	0.8	1.0	0.9	0.9	1.0	0.9	0.8	0.5	0.8		2.5	1	0.5	29
	GEORGETOWN	21	3.3	3.0	3.0	2.8	2.7	2.6	2.5	2.5	2.5	2.4	2.4	2.2	2.2	2.0	2.1	1.9	1.8	1.6	1.6	1.6	1.5	1.3	1.1	0.9	0.9	0.8	0.8	0.8	0.6	0.6		3.3	1	0.6	30
	CLARENCE	26	11.9	11.5	11.2	10.9	10.8	10.6	10.5	10.4	10.3	10.2	10.0	9.9	9.8	9.8	9.7	9.8	9.7	9.6	9.4	9.3	9.2	9.2	9.0	8.9	8.7	8.6	8.5	8.5	8.5	8.5		11.9	1	8.5	27
PETIT EAN	DANVILLE	20	3.6	3.1	3.0	2.9	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7		3.6	1	2.7	25
ARKANSAS	VAN HANSEN	22	8.4	8.2	8.2	8.0	7.7	7.5	7.0	6.6	6.2	6.1	6.5	6.4	6.2	6.9	6.7	6.7	6.8	6.2	5.8	5.8	5.6	5.5	5.1	5.5	5.7	5.6	5.6	5.3	5.0	4.9		8.4	1	4.9	30
	OZARK	22	4.4	3.8	3.9	3.8	3.7	3.4	3.3	2.8	2.5	2.3	2.3	2.4	2.3	2.6	2.8	2.8	2.7	2.7	2.4	2.1	2.0	1.8	1.8	1.6	1.6	1.7	1.8	1.7	1.5	1.3		4.4	1	1.3	30
	JARDANELLE	22	5.9	5.9	5.4	5.4	5.4	5.1	4.9	4.8	4.2	3.9	3.6	3.8	3.9	3.8	4.0	4.3	4.2	4.2	4.1	3.6	3.4	3.3	3.2	2.9	2.8	3.1	3.1	3.1	2.8		5.9	2	2.8	25	
	MOR ILTON	20	11.3	11.2	11.0	10.6	10.4	10.2	9.9	9.8	9.6	9.2	8.8	8.5	8.6	8.8	8.6	8.7	9.1	9.0	9.0	9.0	8.5	8.2	8.1	8.0	7.9	7.6	7.8	7.9	7.8		11.3	1	7.6	26	
	LITTLE ROCK WB AP	23	4.2	4.1	3.9	3.4	3.3	3.3	3.1	2.9	2.7	2.5	2.1	1.9	1.8	1.9	1.9	1.9	2.1	2.1	2.1	1.9	1.6	1.5	1.4	1.3	1.0	1.1	1.2	1.2	1.2		4.2	1	1.0	26	
	P. N. BLUFF	25	6.4	6.2	6.1	5.7	5.2	5.0	5.0	4.8	4.6	4.3	4.0	3.6	3.3	3.3	3.3	3.3	3.2	3.5	3.5	3.5	3.5	3.2	2.9	2.7	2.6	2.4	2.2	2.2	2.4	2.4		6.4	1	2.2	27
FAVORITE	G. FRANKLIN	10	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2		3.3	1	3.2	14	
SALINE	BENTON	20	3.6	3.5	3.4	3.4	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.8	2.8	2.8		3.6	1	2.8	30
LITTLE MISSISSIPPI	BRIGHTON	20	3.9	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.7	3.7	3.7	3.7	3.7	3.9	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7		3.9	16	3.7	29
MACHITA	ARKANSAS PHIA	17	3.4	3.4	3.2	3.2	3.2	3.1	3.1	3.5	3.4	3.3	3.2	3.1	3.1	3.1	3.0	3.2	3.3	3.3	3.2	3.2	3.0	3.2	3.3	3.3	3.3	3.1	3.1	3.0	3.1	3.1		3.5	8	3.0	21
	CAMDEN	26	4.0	3.9	-	4.0	4.1	4.0	3.8	3.9	3.8	4.0	4.2	4.1	4.0	3.9	3.8	3.8	3.8	3.8	3.9	4.0	3.9	3.9	3.9	3.9	4.0	4.0	4.0	3.9	3.8	3.8		4.0	26	3.8	17
LITTLE	WHITEKILN	25	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		1.0	1	0.0	30	
RENNETT	BENTON	25	7.6	7.6	7.6	7.2	6.8	7.1	7.5	7.6	7.5	7.4	7.0	7.0	6.3	7.1	7.2	6.9	6.6	6.4	6.1	6.4	6.7	7.0	7.1	7.1	6.5	5.9	6.3	6.8	7.1	7.2		7.6	1	5.9	26
ST. FRANCIS	ST. FRANCIS	18	4.6	4.5	3.7	2.9	2.5	2.9	2.9	3.9	4.1	3.5	5.6	5.5	4.9	3.9	3.0	2.4	2.2	2.0	2.0	2.1	3.7	4.4	4.4	3.6	2.8	2.3	2.0	1.9	2.1	2.0		5.6	11	1.9	25
	ST. FRANCIS LAKE	30	17.3	15.8	15.0	16.6	16.7	16.4	16.3	17.3	17.5	17.5	17.2	16.9	16.7	16.5	16.3	17.3	17.1	16.7	16.3	15.9	15.0	14.6	16.7	15.8	14.5	16.0	17.3	-	-	-		17.3	9	14.5	23
	MARKET LEE	17	3.8	4.6	3.7	1.7	3.4	3.6	3.6	0.8	3.2	3.7	3.8	3.8	3.7	3.7	3.6	3.6	3.5	3.6	3.6	3.5	3.3	1.0	3.0	3.3	3.3	1.1	1.0	1.0	1.2	1.0		4.6	4	0.8	8
	PARK II	28	3.1	3.9	4.3	4.5	3.5	2.9	3.7	3.8	3.4	2.9	3.7	3.9	3.9	3.9	3.8	3.7	3.2	3.1	3.6	3.7	3.6	3.5	2.7	2.4	3.4	3.7	2.8	1.7	1.2	1.9		4.5	4	0.8	29
	MALLON	32	1.3	1.0	1.0	1.4	1.7	1.4	1.1	1.0	1.0	0.8	0.6	0.8	1.0	1.3	1.3	1.2	1.0	0.6	0.4	0.7	0.8	0.7	0.6	0.1	0.0	0.5	0.7	0.1	-0.7	-0.9		1.7	5	-0.9	30
MISSISSIPPI	NEWARK	44	6.4	6.3	6.4	6.5	6.3	6.1	5.8	5.7	5.8	5.7	5.7	5.8	5.9	5.8	5.1	4.8	4.9	5.0	5.0	4.5	4.3	3.9	3.8	3.8	4.0	4.5	4.8	5.0	5.0	5.1		6.5	4	3.8	23
	LAKE CHARLES	42	8.0	7.4	7.0	6.9	6.1	6.5	6.2	5.9	5.7	5.7	5.6	5.5	5.5	5.6	5.3	4.8	4.5	4.4	4.6	4.6	4.2	3.9	3.6	3.4	3.2	3.2	3.6	4.0	4.2	4.3		8.0	1	3.2	25

The following reference notes apply only to Table 7 - Daily River Stages:
Readings are made at approximately 7 a.m. (Local time). They are provisional and subject to corrections.
Final and corrected stages will be published in the annual publication "Daily River Stages - Principal Rivers of the United States".

- a Obstructed by rough ice.
- b Frozen but open at gage.
- c Upper surface of smooth ice.
- d Ice gorge above gage.
- e Ice gorge below gage.
- f Shore ice.
- g Floating ice.
- h Pool at gage.
- i Dry at gage.
- j Interpolated.

STATION INDEX

ARKANSAS
SEPTEMBER 1948

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. ° / '	LONG. ° / '	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
ABBOTT	0005	SCOTT	ARKANSAS	35 04	94 12	624	C		7A		7		JAMES V. WILLIAMS	3
ALICIA	0054	LAWRENCE	WHITE	35 54	91 05	256	C		MID		22		BEN R. BUSH	3 4
ALPINE	0118	CLARK	OUACHITA	34 16	93 23	-	C		7A		2		MRS. ALTA F. GARNER	3
ALUM FORK	0130	SALINE	ARKANSAS	34 48	92 52	755	C	5P		11	11		L. R. WATER WORKS	2 3 4 5
ALY	0136	YELL	OUACHITA	34 47	93 29	850	C		MID		6		MRS. ELVIA LAMB	3 4
ANTOINE	0178	PIKE	OUACHITA	34 02	93 25	285	C		8A		6		EARNEST F. CARROLL	3
APLIN	0188	PERRY	ARKANSAS	34 58	92 59	400	C		7A		4		BESSIE L. EDWARDS	3
APPLETON	0196	POPE	ARKANSAS	35 25	92 53	522	C		MID		8		JOHN A. JONES	3 4
ARKADELPHIA	0220	CLARK	OUACHITA	34 07	93 03	200	C	7A		52	52		W. H. HALLIBURTON	2 3 4 5 7
ARKANSAS CITY	0234	OESHA	MISSISSIPPI	33 37	91 12	145	C		8A		58		JOHN W. TRAMMELL	3 7
ASHOOWN	0286	LITTLE RIVER	REO	33 40	94 08	329	C	8A	8A	4	4		SOUTHWESTERN G & E	2 3 5
ATHENS	0300	HOWARD	REO	34 19	93 58	960	C		7A		0		ARRA D. PARKER	3
ATLANTA	0310	COLUMBIA	OUACHITA	33 07	93 02	329	C		MID		3		MISS EFFIE PERRY	3 4
AUGUSTA	0326	WOODRUFF	WHITE	35 17	91 22	218	C		7A		13		DAVID G. GRIFFITHS	3 4
BATESVILLE AIRWAY	0456	INDEPENDENCE	WHITE	35 46	91 39	363	C	MID	MID	40	40		AIRWAY OBSERVER	2 3 5
BATESVILLE LIVESTOCK	0458	INDEPENDENCE	WHITE	35 49	91 47	571	C	9A	9A	7	7		UNIV. OF ARKANSAS	2 3 5
BATESVILLE L & D 1	0460	INDEPENDENCE	WHITE	35 45	91 38	277	C		7A		35		B. M. HUDDLESTON	3 4 7
BEAR CREEK LAKE	0496	LEE	WHITE	34 43	90 42	220	C		MID		2		S C S	3 4
BEATY LAKE	0512	ST. FRANCIS	WHITE	35 05	90 43	400	C		5P		7		L. G. ADAMSON	3
BEAVER	0518	CARROLL	WHITE	36 28	93 46	930	C		7A		3		H. E. SKELTON	3 7
BEE BRANCH	0528	VAN BUREN	ARKANSAS	35 27	92 24	650	C	5P	5P	56	56		MINNIE SCANLAN	2 3 5
BEECH	0530	WHITE	WHITE	35 04	91 54	250	C		MID		5		JR. AG. COLLEGE	3 4
BEECH GROVE	0534	GREENE	WHITE	36 09	90 38	298	C		8A		7		B. B. HAMMONO	3
BEECOEVILLE	0536	JACKSON	WHITE	35 26	91 06	221	C		8A		8		P. M. BRECKINRIDGE	3
BENTON	0582	SALINE	SALINE	34 33	92 37	285	C	7A	7A	19	19		MRS. ETTA C. BURKS	2 3 5 7
BENTONVILLE	0586	BENTON	ARKANSAS	36 22	94 13	1295	C	8A	8A	42	42		E. L. BROWN	2 3 5
BERRYVILLE	0616	CARROLL	WHITE	36 22	93 34	1255	C		MID		5		LUCILLE R. MC WETHY	3 4
BETHESOA	0644	INDEPENDENCE	WHITE	35 49	91 47	500	C	8A	8A	8	8	5	S C S	2 3 5 6
BIG FLAT	0662	BAXTER	WHITE	36 00	92 24	1250	C		7A		2		W. C. NORMAN	3
BIG FORK	0654	POLK	OUACHITA	34 29	93 58	1100	C		4P		4		ANNA M. LILES	3
BIG LAKE OUTLET	0676	MISSISSIPPI	ST. FRANCIS	35 51	90 08	239	C		7A		3		N. W. DOUGLAS	3
BLACK ROCK	0746	LAWRENCE	WHITE	36 07	91 06	259	C		7A		46		J. H. RAGAN	3 7
BLUE MOUNTAIN DAM	0798	YELL	ARKANSAS	35 06	93 39	-	C		MID		8		U. S. ENGINEERS	3 4
BLYTHEVILLE	0806	MISSISSIPPI	ST. FRANCIS	35 56	89 55	252	C	7A	7A	22	22		R. E. BLAYLOCK	2 3 5
BOONEVILLE 3 MI S.W.	0828	LOGAN	ARKANSAS	35 09	93 58	465	C	6P	6P	33	33		NOVA RAE BURDOCK	2 3 4 5
BOONEVILLE	0830	LOGAN	ARKANSAS	35 09	93 55	511	C		6A		7		CLEO E. YANOELL	3
BOTKINBURG	0842	VAN BUREN	WHITE	35 39	92 30	1200	C		MID		3		THOMAS M. PEARSON	3 4
BOUGHTON	0848	NEVADA	OUACHITA	33 52	93 18	235	C		8A		13		MAXINE K. ALLEN	3 7
BRAOORO	0872	WHITE	WHITE	35 25	91 28	240	C		7A		3		MARSHALL HICKMON	3
BRINKLEY	0936	MONROE	WHITE	34 54	91 11	205	C	7A	7A	57	57		ROBERT L. GLOVER	2 3 4 5
BULL SHOALS OAM	1020	BAXTER	WHITE	36 22	92 34	760	C		MID		1		U. S. ENGINEERS	3 4
BUROETTE	1052	MISSISSIPPI	MISSISSIPPI	35 49	89 56	240	C		6P		4		G. A. HALE	3
CAROT	1102	LONOKE	WHITE	34 59	92 01	289	C		6P		6		B. M. WALTHER	3
CALICO ROCK	1132	IZARD	WHITE	36 08	92 08	380	C		7A		43		MRS. M. R. BIGGERS	3 7
CAMDEN 1	1152	OUACHITA	OUACHITA	33 36	92 49	116	C	7A	7A	58	58		JOHN M. KNIGHT	2 3 5 7
CAMDEN 2	1154	OUACHITA	OUACHITA	33 35	92 51	155	C		MID		1		EDITH Z. LEHMAN	3 4
CAMP CHAFFEE	1172	SEBASTIAN	ARKANSAS	35 18	94 18	419	C	8A	8A	6	6		U. S. ARMY	2 3 5
CANAAN	1188	SEARCY	WHITE	35 52	92 44	-	C		MID		8		FRONEY DELL HORTON	3 4
CARLISLE	1224	LONOKE	ARKANSAS	34 47	91 45	235	C		8A		7		R. W. HOLLIS	3
CARPENTER OAM	1238	GARLAND	OUACHITA	34 27	93 01	-	C		MID		8		ARK. P. & L. CO.	3 4
CLARENOON	1442	MONROE	WHITE	34 41	91 18	172	C		7A		44		B. F. NORTHERN	3 7
CLARKSVILLE	1456	JOHNSON	ARKANSAS	35 29	93 28	370	C		MID		8		THOMAS L. SMITH	3 4
CLINTON	1492	VAN BUREN	WHITE	35 35	92 28	510	C		7A		26		EARL B. RIODICK	3
COLO SPRINGS	1520	SCOTT	OUACHITA	34 58	93 54	1250	C		7A		7		MARGARET ZORNES	3 4
COMBS	1574	MAISON	WHITE	35 50	93 50	1400	C		MID		8		ROSA J. COMBS	3
COMPTON	1582	NEWTON	WHITE	36 06	93 18	895	C		MID		5		WILLIAM L. BINAM	3 4
CONWAY	1596	FAULKNER	ARKANSAS	35 05	92 27	309	C	5P	5P	64	64		G. Y. SHORT	2 3 5
CORNING	1632	CLAY	WHITE	36 24	90 35	293	C	7A	7A	54	54		MRS. LAURA POLK	2 3 4 5
COTTER	1640	MARION	WHITE	36 14	92 31	440	C		8A		20		O. B. MC SPADEN	3 7
COVE	1666	POLK	REO	34 26	94 25	1050	C		7A				WILLIAM M. RAYMOND	3
CROSSETT	1730	ASHLEY	OUACHITA	33 02	91 56	175	C	5P	5P	25	25		U. S. FOREST SERVICE	2 3 5
CRYSTAL VALLEY	1750	PULASKI	ARKANSAS	34 42	92 26	350	C		7A		4		VIROA BYRO	3
CULPEPPER	1756	VAN BUREN	WHITE	35 30	92 33	750	C		7A		6		MRS. LIZZIE THOMPSON	2 3
CUMMINS FARM	1768	LINCOLN	ARKANSAS	34 08	91 35	176	C	7P	7P	4	4		T. C. COGBILL	2 3 5
OASIS	1814	PIKE	OUACHITA	34 14	93 45	629	C		MID		6		ROBERT T. TEODER	3 4
DANVILLE	1834	YELL	ARKANSAS	35 03	93 24	370	C		7A		32		J. A. MOUDY	3 7
OARONELLE	1838	YELL	ARKANSAS	35 13	93 09	330	C	7A	7A	62	62		GEORGE N. GOODIER	2 3 5 7
DE QUEEN	1948	SEVIER	REO	34 02	94 21	426	C	6P	6P	14	14		L. O. MC COWN	2 3 5
OENVER	1956	CARROLL	WHITE	36 23	93 18	1028	C		MID		6		CLARENCE E. COLLINS	3 4
OERMOTT	1960	CHICOT	MISSISSIPPI	33 31	91 26	140	C		8A		8		L. W. WILSON	3
OES ARC	1968	PRAIRIE	WHITE	34 58	91 30	204	C	7A	7A	12	12		C. J. RISTER	2 3 5
DEVILS KNOB	1982	JOHNSON	ARKANSAS	35 43	93 24	2350	C	5P	5P	11	11		ARCHIE BRADLEY	2 3 5
DUMAS 1	2148	DESHA	MISSISSIPPI	33 53	91 30	162	C	7P	7P	41	41		BEN JOHNSON	2 3 5
OUAS 2	2150	OESHA	MISSISSIPPI	33 53	91 30	-	C		MID		5		BETTY R. HOLMES	3 4
OURHAM	2176	WASHINGTON	WHITE	35 57	93 59	1243	C		MID		8		ANNIE A. WHITE	3 4
EAGLE GAP	2204	SCOTT	ARKANSAS	34 43	94 19	1150	C		8A		21		MRS. MINA C. RABB	3
EL OORADO	2300	UNION	OUACHITA	33 13	92 40	278	C	7A	7A	47	47		AYIMER H. MC BRIOE	2 3 5
ELKINS	2315	WASHINGTON	WHITE	36 24	93 45	1364	C	6	6	0	0		HERBERT S. CLARK	2 3 5
EUREKA SPRINGS	2356	CARROLL	WHITE	36 05	91 37	490	C	6P	6P	46	46		GEORGE W. NICHOLDS	2 3 5
EVENING SHADE	2366	SHARP	WHITE	36 05	91 37	490	C		7A		8		OPHA WOLFE	3
FAYETTEVILLE	2442	WASHINGTON	WHITE	36 05	94 10	1370	C	7P	7P	10	10		CHARLES F. FORD	2 3 5
FAYETTEVILLE EXP. STN.	2444	WASHINGTON	WHITE	36 06	94 10	1412	C	5P	5P	60	60		UNIV. OF ARKANSAS	2 3 5
FORDYCE	2540	OALLAS	OUACHITA	33 42	92 22	280	C	5P	5P	16	16		ARK. FOR. COM.	2 3 5
FOREMAN	2544	LITTLE RIVER	REO	33 43	94 24	400	C		MID		8		LESLIE P. CALLONS	3 4
FORESTER	2556	SCOTT	ARKANSAS	34 46	93 49	650	C		7A		7		A. L. MC CRAW	3
FORREST CITY	2564	ST. FRANCIS	ST. FRANCIS	35 02	90 46	260	C		MID		8		THOMAS A. MOORE	3 4
FORT SMITH WB AP	2574	SEBASTIAN	ARKANSAS	35 20	94 22	458	C		MID		66		U. S. WEATHER BUREAU	2 3 4 5
FORT SMITH WTR PLNT	2578	CRAWFORD	ARKANSAS	35 39	94 09	793	C		7A		10		R. J. SCHOEPPPE	3
FOUNTAIN HILL	2598	ASHLEY	OUACHITA	35 21	91 50	175	C		8A		5		JETHRO R. OENSON	3

STATION INDEX - Continued

ARKANSAS
SEPTEMBER 19

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT.	LONG.	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
FULTON	2670	HEMPSTEAD	REO	33 37	93 48	260	C		8A		62		INA J. LOGAN	3 7
GARLAND	2710	MILLER	REO	33 21	93 42	230	C		7A		4		L. O. OENNEY	3
GEORGETOWN	2760	WHITE	WHITE	35 07	91 26	200	C		7A		35		J. S. MC DONALD	3 7
GILBERT	2794	SEARCY	WHITE	35 59	92 43	650	C	7A		22			O. O. OENNIS	2 3 4 5 7
GLENWOOD	2842	PIKE	OUACHITA	34 20	93 33	547	C		8A		13		CHARLES A. PRICE	3 7
GRANNI	2908	POLK	REO	34 14	94 20	920	C	7A	7A	22	22		W. E. MC VAY	2 3 5
GRAVELLY	2922	YELL	ARKANSAS	34 53	93 41	498	C		7A		8		HAROLO L. FRIZZELL	3
GRAVETTE	2930	BENTON	ARKANSAS	36 36	94 32	1250	C	6P	6P	50	50		J. A. SCHMIOT	2 3 5
GREEN FOREST	2946	CARROLL	WHITE	36 20	93 26	1350	C		7A		8		OBEO B. WILSON	3
GREEN MOUNTAIN	2952	STONE	WHITE	36 02	92 12	1100	C	5P	5P	10	10		U. S. FOREST SERVICE	2 3 5
GREENBRIER	2962	FAULKNER	ARKANSAS	35 14	92 14	360	C		7A		5		J. O. CANTRELL	3
GREENWOOD	2976	SEBASTIAN	ARKANSAS	35 13	94 15	518	C		7A		8		OOROTHY M. BEEN	3
GURDON	3074	CLARK	OUACHITA	33 54	93 09	210	C		7A		0		ROY S. ROBS	3
HAMPTON	3098	CALHOUN	OUACHITA	33 32	92 28	202	C		7A		8		BILL S. WATSON	3
HARDY	3132	SHARP	WHITE	36 19	91 29	362	C		MIO		8		T. B. OONALOSON	3 4
HARRISBURG	3160	POINSETT	ST. FRANCIS	35 34	90 44	280	C		MIO		7		JOHN O. MAY	3 4 5
HARRISON	3164	BOONE	WHITE	36 14	93 07	1052	C	6P	6P	47	47		R. C. BEENE	2 3 4 5
HEBER SPRINGS 3 MI. S.W.	3230	CLEBURNE	WHITE	35 28	92 03	-	C		MID		6		WAYNE STARK	3 4
HECTOR	3235	POPE	ARKANSAS	35 28	92 58	555	C		7A		0		NETTIE R. ALTER	3
HELENA	3242	PHILLIPS	MISSISSIPPI	34 32	90 35	200	C	7A	7A	75	75		JAMES A. BURNETT	2 3 5 7
HENDERSON	3258	BAXTER	WHITE	36 22	92 14	498	C		6P		7		DAISY A. PORTER	3
HILLEMANN	3354	WOODRUFF	WHITE	35 08	91 05	231	C		6P		5		JOHN B. MAULON	3
HOPE	3428	HEMPSTEAD	REO	33 43	93 33	375	C	7A	7A	77	77		UNIV. OF ARKANSAS	2 3 5 6
HOPPER	3436	MONTGOMERY	OUACHITA	34 22	93 41	700	C		7A		0		MRS. LONA A. SHIELOS	3
HORATIO	3442	SEVIER	RED	33 56	94 22	337	C		6A		2		ELIZABETH W. FRIOAY	3
HOT SPRINGS NATL. PARK	3466	GARLAND	OUACHITA	34 31	93 03	630	C	7A	7A	55	55		NATIONAL PARK SERVICE	2 3 5
HUNTSVILLE	3540	MAISON	WHITE	36 05	93 44	1453	C		MIO		8		MRS. MAY P. MARKLY	3 4
HUTTIG OAM	3556	UNION	OUACHITA	33 02	92 05	60	C		8A		4		U. S. ENGINEERS	3 4
ICELEDO	3570	NEWTON	WHITE	35 52	92 59	1365	C		5P		4		LOY E. HILL	3
INDEX	3584	LITTLE RIVER	REO	33 35	94 03	300	C		8A		23		W. E. MC OOWELL	3 7
ASPER	3600	NEWTON	WHITE	36 01	93 11	857	C		7A		52		MRS. LETTIE O. DAVIS	3
ONESBORO	3734	CRAIGHEAD	WHITE	35 50	90 42	345	C	7A	7A	52	52		BENEDICTINE SISTERS	2 3 5
KEO	3862	LONOKE	ARKANSAS	34 36	92 00	230	C	7P	7P				R. A. WALLER	2 3 5
KINGSLAND	3904	CLEVELAND	OUACHITA	33 50	92 16	214	C		MIO		5		CLAUDE W. HUNTER	3 4
LAKE CITY	3998	CRAIGHEAD	ST. FRANCIS	35 49	90 26	230	C		4P		8		TRESSA ST. CLAIR	3
LAKE LEATHERWOOD	4006	CARROLL	WHITE	36 27	93 46	-	C		MIO		3		CECIL E. MABERRY	3 4
LANGLEY	4060	PIKE	OUACHITA	34 19	93 50	-	C		7P		42		MRS. J. A. JONES	3
LEAO HILL	4106	BOONE	WHITE	36 24	92 54	650	C	7P	7P	42	42		F. W. KELLOGG	2 3 5
LEE CREEK	4116	CRAWFORD	ARKANSAS	35 42	94 19	1000	C		7A		2		ORPHA W. COOKSEY	3
LEOLA	4134	GRANT	OUACHITA	34 10	92 35	261	C		7A		5		J. R. RHODES	3
LITTLE ROCK WB AIRPORT	4248	PULASKI	ARKANSAS	34 44	92 14	257	C	MIO	MIO	68	68		U. S. WEATHER BUREAU	2 3 4 5 7
LITTLE ROCK FILT. PLANT	4250	PULASKI	ARKANSAS	34 46	92 19	512	C		MID				L. R. WATER WORKS	3
LOCK AND OAM NO. 3	4256	INDEPENDENCE	WHITE	35 51	91 51	370	C		7A				EO ANSEL	3
LOST CORNERS	4324	POPE	WHITE	35 34	92 50	1550	C		7A				CATH. T. RUSSELL	3
LOUANN	4332	OUACHITA	OUACHITA	33 24	92 48	132	C		6P		4		CHARLES S. CURRAN	3
LURTON	4386	NEWTON	WHITE	35 46	93 05	2007	C		8A				I. C. SUTTON	3
LUTHERVILLE	4390	JOHNSON	ARKANSAS	35 29	93 15	775	C	6P	6P	51	51		MRS. H. G. LENHAROT	2 3 5
MADISON	4528	ST. FRANCIS	ST. FRANCIS	35 00	90 43	215	C		7A		17		J. W. EPPE	3 7
MAGNOLIA	4548	COLUMBIA	RED	33 17	93 14	315	C	6P	6P	31	31		STATE AGRI. SCHOOL	2 3 4 5
MALVERN	4562	HOT SPRINGS	OUACHITA	34 22	92 49	311	C		8A		52		JOJOE W. MC MULLEN	3
MAMMOTH SPRING	4572	FULTON	WHITE	36 29	91 32	600	C	8A	8A	43	43		CATHERINE S. COX	2 3 5
MARIANNA	4638	LEE	ST. FRANCIS	34 44	90 49	234	C	8A	8A	36	36		UNIV. OF ARKANSAS	2 3 4 5
MARKO TREE	4654	POINSETT	ST. FRANCIS	35 32	90 25	229	C	7A	7A	43	43		CHARLES WALTON	2 3 5 7
MARSHALL	4666	SEARCY	WHITE	35 55	92 43	1050	C	6P	6P	29	29		MRS. MINNIE HORTON	2 3 5
MARVELL	4678	PHILLIPS	WHITE	34 33	90 55	195	C		8A				J. O. LOWRIE	3
MAUMEE	4696	SEARCY	WHITE	36 03	92 39	749	C		MIO		8		NADINE F. OAVENPORT	3 4
MELBOURNE	4746	IZARD	WHITE	36 04	91 54	610	C		7A		3		WALTER E. HALL	3
MENA	4756	POLK	OUACHITA	34 35	94 15	1207	C	7A	7A	59	59		E. W. ST. JOHN	2 3 4 5
MONTICELLO	4900	OREW	OUACHITA	33 35	91 50	250	C	MIO	MIO	7	7		AIRWAY OBSERVER	2 3 4 5
MONTROSE	4906	ASHLEY	OUACHITA	33 18	91 29	125	C		MIO		5		JAMES L. ALSOBROOK	3 4
MOROBAY LOCK AND OAM	4934	CALHOUN	OUACHITA	33 19	92 27	85	C		6P		8		U. S. ENGINEERS	3 4
MORRILTON	4938	CONWAY	ARKANSAS	35 08	92 44	328	C	7A	7A	31	31		L. A. DICUS	2 3 5 7
MOUNT IOA 1	4988	MONTGOMERY	OUACHITA	34 33	93 37	702	C	6P	6P	48	48		J. S. WHITTINGTON	2 3 5
MOUNT IOA 2	4990	MONTGOMERY	OUACHITA	34 33	93 37	-	C		MIO		4		JOHN WALLBRITTON	3 4
MOUNTAIN HOME	5036	BAXTER	WHITE	36 20	92 30	800	C	7P	7P	35	35		H. N. HALBERT	2 3 4 5
MOUNTAIN VIEW	5046	STONE	WHITE	35 52	92 07	768	C		7A		8		W. O. WORTHINGTON	3
MOUNTAINBURG	5056	CRAWFORD	ARKANSAS	35 38	94 10	736	C		6P		10		C. A. LOVELL	3
MULBERRY	5072	FRANKLIN	ARKANSAS	35 34	94 01	500	C		7A		8		HENRY G. ARVIN	3
MURFREESBORO	5078	PIKE	OUACHITA	34 04	93 41	367	C		MIO		8		ERNEST J. BABBITT	3 4
NASHVILLE	5112	HOWARD	REO	33 58	93 51	350	C	7P	7P	9	9		BRICE CARRUTH	2 3 5
NASHVILLE S C S	5114	HOWARD	REO	33 57	93 51	373	C		MIO		4		S C S	3 4
NEW HOPE	5174	PIKE	OUACHITA	34 14	93 50	850	C		7A		8		FLOYD WORD	3
NEWPORT	5186	JACKSON	WHITE	35 36	91 17	225	C	7A	7A	64	64		WILLIS T. MOYER	2 3 5 7
NIMROD DAM	5200	PERRY	ARKANSAS	34 57	93 10	470	C	8A	8A	6	6		U. S. ENGINEERS	2 3 4 5 6
NORFORK DAM	5228	BAXTER	WHITE	36 15	92 15	425	C	8A	8A	2	7		U. S. ENGINEERS	2 3 4 5 6
OEELL	5354	WASHINGTON	ARKANSAS	35 48	94 24	1500	C		7A				MRS. RENZO HURST	3
ODEN	5358	MONTGOMERY	OUACHITA	34 38	93 48	800	C		MIO		20		U. S. FOREST SERVICE	3
OKAY	5376	HOWARD	REO	33 44	93 56	300	C	5P	5P	19	19		J. T. HARGIS	2 3 5
OSCEOLA	5480	MISSISSIPPI	MISSISSIPPI	35 43	89 58	250	C		8A		47		C. E. CARTER	3
OWENSVILLE	5498	SALINE	OUACHITA	34 27	92 49	500	C		8A		4		GUY COOK	3
OZARK	5508	FRANKLIN	ARKANSAS	35 29	93 50	396	C	6A	6A	52	52		ORKNEY O. MILTON	2 3 5 7
PARAGOULD	5562	GREEN	ST. FRANCIS	36 04	90 29	275	C	4P	4P	24	24		KORS	2 3 5
PARKIN	5586	CROSS	ST. FRANCIS	35 16	90 35	222	C		7A		17		CARROLL KING	3 7
PERRYVILLE	5694	PERRY	ARKANSAS	35 00	92 49	325	C	6P	6P	8	8		PAULINE BENNETT	2 3 5
PINE BLUFF	5754	JEFFERSON	ARKANSAS	34 12	92 00	215	C	7A	7A	60	60		MARY T. SCHEU	2 3 5 7
PINE BLUFF AP 3 MI. N.	5756	JEFFERSON	ARKANSAS	34 15	92 00	215	C	MIO	MIO				AIRWAY OBSERVER	3 4
PIKE RIDGE	5760	MONTGOMERY	OUACHITA	34 35	93 54	840	C		7A		23		J. R. HUOLESTON	3
POCAHONTAS	5820	RANDOLPH	WHITE	36 16	90 59	330	C	5P	5P	54	54		BENEDICTINE SISTERS	2 3 5
PORTLAND	5866	ASHLEY	OUACHITA	33 14	91 30	122	C	7A	7A	41	41		MRS. PEARL NEWTON	2 3 5

STATION INDEX — Continued

ARKANSAS
SEPTEMBER 1948

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT.	LONG.	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
PRESCOTT	5908	NEVADA	OUACHITA	33 48	93 23	318	C	7A	7A	59	59		R. P. HAMBY	2 3 5
PRESCOTT S C S	5910	NEVADA	OUACHITA	33 48	93 23	-	C		MID		7		W. L. MC LEAN	3 4
PYATT	5970	MARION	WHITE	36 16	92 51	800	C		MIO		6		ONA V. MC LEAN	3 4
RATCLIFF	6008	LOGAN	ARKANSAS	35 18	93 53	463	C		7A		3		LULA MAE WEEKS	3
RAVANA	6016	MILLER	REO	33 04	94 02	250	C		MID		8		ARNICE D. TAYLO	3 4
REO STAR	6078	MAOISON	WHITE	35 51	93 31	2250	C		7A		5		ORVAL F. CALLOWAY	3
REMMEL DAM	6102	HOT SPRING	OUACHITA	34 26	92 54	-	C		MID		8		ARK. P. & L. CO.	3 4
RISON	6174	CLEVELAND	OUACHITA	33 48	92 11	231	C		7A		32		J. H. YANEY	3
ROCKHOUSE	6214	MADISON	WHITE	36 17	93 40	1214	C		7A		2		CLAUDE D. SISCO	3
ROGERS	6248	BENTON	WHITE	36 18	94 02	1387	C	6P	6P	57	57		HOWARD FOWLER	2 3 5
RUSSELLVILLE	6352	POPE	ARKANSAS	35 18	93 08	360	C	5P	5P	35	35		U. S. FOREST SERVICE	2 3 5 6
SAINT CHARLES	6376	ARKANSAS	WHITE	34 23	91 08	200	C	8A	8A	14	14		U. S. BIOL. SURVEY	2 3 5
SAINT FRANCIS	6380	CLAY	ST. FRANCIS	36 27	90 08	300	C		7A		20		WILLIAM S. BUCKLEY	3 7
SAINT FRANCIS LAKE	6382	CLAY	ST. FRANCIS				C		7A				CHARLES W. WALTON	7
SEARCY	6506	WHITE	WHITE	35 15	91 44	245	C	7P	7P	37	37		ARTHUR D. SMITH	2 3 5
SHERIDAN	6566	GRANT	OUACHITA	34 27	92 21	290	C	6P	6P	7	7		ARK. FORESTRY COM.	2 3 5
SHIRLEY	6586	VAN BUREN	WHITE	35 38	92 17	600	C		6P		8		MAUD H. BRADFORD	3
SILOAM SPRINGS	6624	BENTON	WHITE	36 11	94 33	1150	C	6P	6P	7	7		JOHN BROWN UNIVERSITY	2 3 5
SMITHVILLE	6698	LAWRENCE	WHITE	36 05	91 18	450	C		MID		2		NORA F. RUOY	3 4
STAR CITY	6820	LINCOLN	OUACHITA	33 57	91 50	250	C		2P		5		R. A. GOYEN	3
STEVE	6856	YELL	ARKANSAS	34 53	93 19	682	C		7A		4		T. P. SIMS	3
STORY	6890	MONTGOMERY	OUACHITA	34 42	93 31	650	C		7A		23		S. C. STORY	3
STUTTGART	6918	ARKANSAS	ARKANSAS	34 29	91 32	214	C	7A	7A	60	60		GEORGE L. CLARK	2 3 5
STUTTGART 9 MI. ESE.	6920	ARKANSAS	ARKANSAS	34 28	91 25	198	C	7A	7A	12	12		UNIV. OF ARKANSAS	2 3 4 5 6
SUBIACO	6928	LOGAN	ARKANSAS	35 18	93 39	500	C	7P	7P	49	49		NEW SUBIACO ABBEY	2 3 5
SUGAR GROVE	6940	LOGAN	ARKANSAS	35 04	93 48	500	C		9A		8		O. R. FENNEL	3
SUGAR LOAF MOUNTAIN	6944	CLEBURNE	WHITE	35 29	91 58	300	C		7A		3		SANTFRED REYNOLDS	3
TAYLOR	7038	COLUMBIA	RED	33 06	93 27	247	C		6P		5		YANCY M. NORMOOD	3
TEXARKANA WB AIRPORT	7048	MILLER	RED	33 27	94 00	368	C	MIO	MID	63	63		U. S. WEATHER BUREAU	2 3 4 5
TINSMAN	7118	CALHOUN	OUACHITA	33 38	92 21	170	C		7A		5		HENRY S. SPEER	3
TURNPIKE	7262	POPE	ARKANSAS	35 40	93 05	2087	C	6P	6P	23	23		U. S. FOREST SERVICE	2 3 5
VAN BUREN	7370	CRAWFORD	ARKANSAS	35 26	94 21		C						BEN CORNELUS	7
VICK	7420	BRAOLEY	OUACHITA	33 19	92 09	115	C		6P		6		WILLARD K. SHARP	3
VIOLA	7450	FULTON	WHITE	36 24	91 59	692	C		7A		7		A. F. KING	3
WALDRON	7488	SCOTT	ARKANSAS	34 54	94 06	675	C	5P	5P	28	28		WILLIAM D. BIVENS	2 3 4 5
WALNUT GROVE	7524	INDEPENDENCE	WHITE	35 51	91 21	250	C		6P		7		A. H. FAST	3
WARREN	7582	BRADLEY	OUACHITA	33 36	92 04	206	C	6P	6P	53	53		C. N. TURNER	2 3 5
WEDINGTON LAKE	7638	WASHINGTON	ARKANSAS	36 06	94 23	1150	C		MID		8		HARRY E. BIRKINSHA	3 4
WEST FORK	7694	WASHINGTON	WHITE	35 55	94 11	1340	C		MID		8		MRS. N. C. THRELKEL	3 4
WHEELING	7744	FULTON	WHITE	36 19	91 52	680	C		MID		8		THOMAS W. CONE	3 4
WHITECLIFFS	7812	LITTLE RIVER	RED	33 48	94 03	290	C		7A				L. M. SNEAD	3 7
WHITE ROCK	7772	FRANKLIN	ARKANSAS	35 41	93 57	2285	C	5P	5P	11	11		U. S. FOREST SERVICE	2 3 5
WILSON	7912	MISSISSIPPI	MISSISSIPPI	35 34	90 02	237	C	7A	7A	22	22		D. O. ANDERSON	2 3 5
WINFREY	7936	CRAWFORD	ARKANSAS	35 44	94 06	1152	C		MID		8		CLYDE F. MEAGORS	3 4
WING	7950	YELL	ARKANSAS	34 57	93 28	350	C		MIO		5		MILES B. TURNER	3 4
WYNNE	8052	CROSS	ST. FRANCIS	35 13	90 46	260	C	6P	6P	39	39		P. G. QUEENSBERRY	2 3 5
YELLVILLE	8084	MARION	WHITE	36 13	92 41	900	C		7A		3		L. E. JOHNSON	3
NATHAN 4 MI. N.W.	5158	HOWARD	OUACHITA	34 07	93 52	550	C		7A		0		EDNA J. WESTFALL	3
PARTHENON	5602	NEWTON	ARKANSAS	35 57	93 15	925	C		MID		8		ARTHUR B. CARLTON	3 4
BLUFF CITY	0800	NEVADA	OUACHITA	33 41	93 09	360	C		7A		-		R. P. PLYLER	3
JESSIEVILLE	3704	GARLAND	OUACHITA	33 42	93 04	730	C		7A		9		MRS. VELMA R. DUNN	3
SPARKMAN	6768	DALLAS	OUACHITA	33 55	92 48	260	C		6P		5		MRS. RACHEL M. BUTLER	3
MOUNT MAGAZINE		LOGAN	ARKANSAS	35 10	93 41	2800	C	7P	7P	0	0		U. S. FOREST SERVICE	2 3 5

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late for inclusion in this issue.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

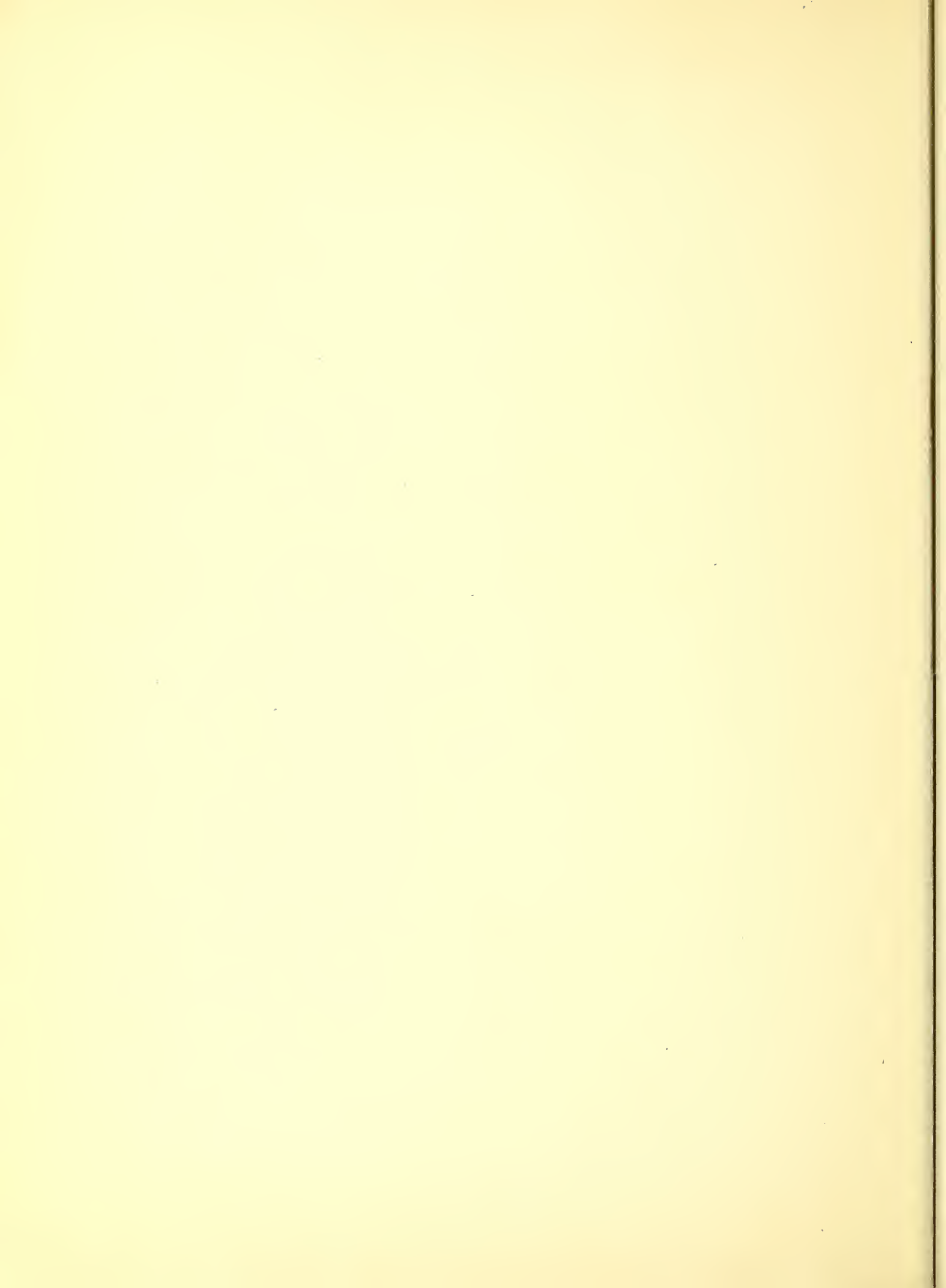
- No record.
- + And also on later dates.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- 6 Precipitation measured at 6-hourly intervals, no recording gage.
- AR This entry in time of observation column in Station Index means "after rain".
- K Total includes snow which accumulated in collar of the gage during previous period, and fell into gage for this measurement.
- M One or more days of record missing; see Table 5 for detailed daily record.
- R Station equipped with recording gage only. All amounts in Table 3 are for the non-recording gages, except for stations with this reference.
- T Trace, an amount too small to measure.
- Z Hourly amounts from recording gage at the same site may be found in Table 4.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, river stages in feet, and wind movement in miles.

Data in Table 4 were formerly published in the Hydrologic Bulletin for Lower-Mississippi-West Gulf. Amounts in this table are from recording gages. Traces are not shown.

Subscription Price: 15 cents per copy; \$1.50 a year. (Yearly subscriptions includes Annual Summary). Correspondence regarding subscriptions should be addressed to the Weather Records Processing Center, Room #9, U. S. Court House, Ft. Worth 2, Texas.





U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief

AGRICULTURAL REFERENCE DEPARTMENT
CLEMSON COLLEGE LIBRARY

CLIMATOLOGICAL DATA

ARKANSAS

OCTOBER 1948

Volume LIII No. 10



Walter C. Hickmon, Section Director - Little Rock

GENERAL SUMMARY

October, 1948, comparatively, was a moderately mild month. There were no record extremes in either temperature or precipitation; no damage was reported from storms or hail, although numerous thunderstorms, many accompanied by hail, occurred.

General killing frosts for the State came a little earlier than usual (18th), but practically all crops had matured, and considerable harvested. October was the successful finale for a bumper crop-year, and was favorable for the completion of the harvest.

The paths of LOWS during October were generally to the north of the State, and most of the precipitation that occurred was due to the Cold masses of air, associated with these LOWS, moving in over the State. The first cold mass moved about the 6th; the second and coldest one of the month, began to move over the State on the 16th and accounted for a few of the heavy rains of the month, and also the lowest temperatures.

A series of weak fronts passed over Arkansas after the 17th, but the weather for the balance of the month was mostly controlled by a sizeable HIGH centered over the Middle Atlantic States. Along toward the end of the month, new cold masses of air moved down from Canada and on mixing with some of the warm moist southerly winds moving over Arkansas, due to the HIGH circulation, resulted in the heaviest rains of the month. Even then, the rains were not sufficient to give the State an excess for the month.

There were no floods during the month.

TEMPERATURES

The State average for October, 1948, was 60.0°, 2.8° below the 58-year average. October, 1948 was the coldest October since 1925, and it also tied with October, 1898, for the fifth coldest October of record. The coldest October occurred in 1917, with 56.6°. There were no record extremes during the month, and the departure from normal was due mostly to lower night-time temperatures than usual, while the day-time temperatures were either normal, or slightly above.

The warmest section of the State was down around Columbia County, with Magnolia reporting an average of 65.7° for the month. This figure is 1.6° below their normal. Mammoth Spring again reported the lowest average, with 54.3°. The highest daily temperature was 90°, and reported by two stations; Magnolia on the 1st; and Okay on the 7th. Bethesda reported the lowest for the State, with 20° on the 18th.

The majority of stations over the State reported freezing temperature on the 18th, and the 18th should be considered the end of growing season, except for a few widely scattered sections.

PRECIPITATION

The average precipitation was 2.40 inches, 0.76 inch below the State's 58-year average. Although the 2.40 inches is about the median of the 58-year record, some portions of the State were near a drought stage due to lack of rain. The Alluvial section of the State was the driest with rainfall amounts running from about 15% to near 50% of normal; the driest of that section was along the Mississippi River. Beech Grove reported the least monthly fall, with 0.40 inch; Arkansas City was second lowest, with 0.42 inch. All of the Northwest quarter of the State reported amounts less than half their normal.

The heaviest rainfall fell in the mountainous sections of the Ouachita and Little River Basins and accounted for the relatively high average over the State. The greatest monthly total was 6.06 inches reported by Eagle Gap. Mena reported 5.62 inches. The greatest 24-hour rainfall was 3.43 inches at Eagle Gap on the 30-31st.

Hail was reported on 20 different days for a total of 78 reports, but no damage of consequence was reported.

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin series. The Hydroclimatic Network is a nation-wide net of rain gages -- mostly of the recording type -- which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U. S. Weather Bureau, Washington 25, D. C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

ARKANSAS
OCTOBER 1948

STATIONS	SEA LEVEL PRESSURE EXTREMES—INCHES				WIND				RELATIVE HUMIDITY AVERAGES				SUN- SHINE	DEGREE DAYS 65° BASE
	HIGHEST	DATE	LOWEST	DATE	AVERAGE SPEED M.P.H.	MAXIMUM SPEED M.P.H.	DIRECTION	DATE	1:30A EST	7:30A EST	1:30P EST	7:30P EST	PERCENT OF POSSIBLE	
FORT SMITH WB AP	30.48	17	29.53	6	6.1	25	W	7	74	84	42	50	69	160
LITTLE ROCK WB AP	30.45	17	29.60	6	5.8	25	NE	17	78	85	49	57	73	141
TEXARKANA WB AP	30.46	18	29.60	6	-	30	N	13	70	82	41	51	-	88

TABLE 1
COMPARATIVE DATA

YEAR	TEMPERATURE			PRECIPITATION			YEAR	TEMPERATURE			PRECIPITATION		
	MEAN	HIGHEST	LOWEST	AVERAGE	AVERAGE SNOWFALL	DAYS WITH .01 OR MORE		MEAN	HIGHEST	LOWEST	AVERAGE	AVERAGE SNOWFALL	DAYS WITH .01 OR MORE
1891	60.4	92	27	0.65	0.0	2	1921	61.6	96	27	0.72	0.0	3
1892	63.8	92	27	3.26	0.0	6	1922	63.1	98	20	1.47	0.0	4
1893	60.5	99	23	1.30	0.0	3	1923	59.2	94	20	3.53	0.0	7
1894	63.0	96	24	1.52	0.0	3	1924	64.9	96	21	0.29	0.0	1
1895	57.1	95	21	1.44	0.0	4	1925	58.7	98	13	7.73	0.1	10
1896	60.8	98	25	3.59	0.0	6	1926	64.9	99	23	5.77	0.0	8
1897	67.6	99	28	2.01	0.0	3	1927	66.0	100	30	3.13	0.0	5
1898	60.0	100	23	5.44	T.	8	1928	66.3	100	27	4.74	0.0	8
1899	65.6	101	28	2.88	0.0	5	1929	62.2	93	19	4.29	0.0	7
1900	66.0	97	32	4.31	0.0	6	1930	60.1	92	17	4.89	0.0	6
1901	63.7	95	27	2.07	0.0	4	1931	67.1	98	26	2.35	0.0	4
1902	62.5	90	27	2.68	0.0	4	1932	60.8	94	76	3.41	0.0	6
1903	60.9	97	26	2.22	0.0	4	1933	62.6	90	30	2.83	0.0	5
1904	62.5	100	20	0.94	0.0	2	1934	66.2	96	25	0.79	0.0	2
1905	61.1	92	23	4.49	0.0	7	1935	63.9	95	27	4.94	0.0	9
1906	58.2	94	25	2.38	0.0	6	1936	61.1	93	24	5.00	0.0	7
1907	61.9	96	23	3.03	0.0	6	1937	60.8	96	17	4.66	T.	8
1908	59.2	93	24	0.48	0.0	2	1938	66.8	105	20	0.94	0.0	3
1909	63.0	98	24	2.15	0.0	3	1939	65.1	98	20	1.71	0.0	3
1910	62.9	96	16	5.19	T.	6	1940	65.2	95	29	1.91	0.0	5
1911	62.7	101	25	1.67	T.	5	1941	68.2	96	28	8.11	0.0	13
1912	63.8	96	22	2.97	0.0	4	1942	62.8	90	22	3.19	0.0	5
1913	60.1	95	18	5.41	0.6	9	1943	61.3	90	26	3.48	0.0	5
1914	63.0	93	21	1.74	0.0	5	1944	63.9	95	25	1.13	0.0	3
1915	63.4	94	26	2.83	0.0	4	1945	60.8	89	29	3.11	0.0	6
1916	62.8	96	21	2.30	0.0	4	1946	63.7	94	25	2.79	0.0	6
1917	56.6	99	12	1.89	T.	5	1947	68.3	95	35	3.72	0.0	6
1918	65.6	100	30	3.99	0.0	8	1948	60.0	90	20	2.40	0.0	6
1919	66.6	98	33	10.90	0.0	14	PERIOD	62.8	105	12	3.16	T	5
1920	64.2	93	25	4.39	0.0	7							

CLIMATOLOGICAL DATA

ARKANSAS

OCTOBER 19

Table 2

Station	Temperature								Precipitation									
	Average	Departure from Normal	Highest	Date	Lowest	Date	No. of Days		Total	Departure from Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days		
							Max. 90° or above	Min. 32° or below					Total	Max. Depth on Ground	Date	01 or more	.25 or more	1.00 or more
ALUM FORK	61.9	- 2.2	85	3+	31	18	0	1	3.24	- 0.48	1.30	31	.0			6	5	1
ARKAOELPHIA	60.6	- 3.8	87	3	29	19+	0	4	2.28	- 0.81	1.90	31	.0			4	3	0
ASHOOWN	61.6		88	1+	28	17	0	2	4.17		1.14	30	.0			6	3	2
BATESVILLE AIRWAY	58.8	- 2.4	85	15	27	18	0	3	2.55		1.36	30	.0			4	3	1
BATESVILLE LIVESTCK	57.6		85	17	21	18	0	6	2.18		1.12	31	.0			3	3	1
BEE BRANCH	60.4	- 2.2	87	14	24	18	0	2	2.32	- 1.05	.91	30	.0			5	3	0
BENTON	57.9	- 4.7	85	3	26	18+	0	6	4.68		2.05	31	.0			7	3	1
BENTONVILLE	57.1	- 2.4	81	3+	25	18	0	3	1.85	- 2.14	.83	7	.0			4	2	0
BETHESOA	56.1		84	17	20	18	0	7	2.09		1.24	31	.0			3	3	0
BLYTHEVILLE	59.1	- 4.3	85	16	30	18+	0	2	1.44	- 1.64	1.16	17	.0			3	1	1
BRINKLEY	60.9M	- 1.7	85	14+	27	18	0	2	3.61	0.09	1.71	31	.0			6	3	2
CAMP CHAFFEE	60.5M								1.35		.78	17	.0			6	3	0
CONWAY	60.1	- 3.7	83	1+	28	18	0	2	2.31	- 0.69	.63	30	.0			8	4	0
CORNING	57.1	- 3.4	84	16	25	18	0	2	1.38	- 2.11	.72	31	.0			4	3	0
CROSSETT	62.9	- 2.6	88	16	25	19	0	3	1.06	- 2.51	.5	14	.0			6	2	0
CUMMINS FARM	60.1		86	16	27	18+	0	3	1.38		.50	17	.0			6	2	0
OARONELLE	58.8	- 5.0	86	2	30	18+	0	4	1.99	- 1.11	1.12	31	.0			6	2	1
OE QUEEN	61.4	- 2.7	84	1+	28	18	0	2	4.85	2.03	2.25	31	.0			6	4	2
OES ARC	58.4		83	14+	29	18+	0	2	2.31		1.37	31	.0			6	2	1
OEVLIS KNOB	59.7		80	2	28	18	0	1	1.40		.56	30	.0			4	2	0
OUMAS 1	63.1M	- 2.1	87	16			0	0	1.93	- 1.10	.78	17	.0			7	2	0
EUREKA SPRINGS	59.2	- 2.0	81	2	27	18	0	1	1.55	- 2.43	.53	6	.0			6	2	0
FAYETTEVILLE	57.7		82	2	26	18	0	2	1.55		.54	6	.0			7	2	0
FAYETTEVILLE EX S	58.0	- 3.0	81	2	24	18	0	2	1.45	- 2.22	.46	6	.0			7	2	0
FOROYCE	65.1	- 0.7	87	14	31	18	0	1	2.11	- 0.25	.98	31	.0			5	3	0
FORT SMITH WB AIRPORT	60.9	- 1.9	89	15	26	18	0	2	1.94	- 1.05	1.23	16	.0			4	3	1
GILBERT	55.0		85	2	22	18	0	13	2.82	- 1.38	1.31	17	.0			4	3	2
GRANNIS	60.7	- 2.8	85	1+	28	17	0	2	3.86	- 0.35	.95	30	.0			9	5	0
GRAVETTE	58.1	- 2.0	83	1	22	18	0	2	2.07	- 1.88	1.05	13	.0			4	2	1
HARRISON	56.9	- 2.8	86	20	24	18	0	7	2.21	- 1.02	.92	17	.0			5	3	0
HARRISON CAA	56.2		83	15	24	18	0	7	2.38		1.37	16	.0			6	2	1
HELENA	60.9	- 3.0	84	16	32	18	0	1	1.95	- 1.76	.55	17	.0			5	1	0
HOPE	60.6M	- 2.6	87	2+			0		3.48	0.29	1.57	31	.0			5	4	2
HOT SPRINGS	63.1	- 1.8	88	2	33	18	0	0	4.07	0.85	2.35	31	.0			7	4	1
JONESBORO	58.7M	- 4.2	84	15	28	18	0	2	2.94	- 0.33	2.08	31	.0			6	2	1
KEO	60.8		84	2	27	18	0	2	3.96		1.53	31	.0			6	5	2
LEAO HILL	56.2	- 4.2	85	1+	22	18	0	10	2.65	- 0.71	1.02	16	.0			6	3	1
LITTLE ROCK WB AP	61.1	- 2.5	83	13	34	18	0	0	1.50	- 1.21	.57	17	.0			7	3	0
LUTHERVILLE	62.7M	- 0.2																
MAGNOLIA	65.7	- 1.6	90	1	31	18	1	2	2.13	- 0.85	1.46	17	.0			4	1	1
MALVERN	62.5		87	3	28	19	0	2	4.10		1.62	31	.0			8	4	2
MAMMOTH SPRING	54.3	- 5.6	84	23	23	18	0	12	1.98	- 1.60	.78	17	.0			4	3	0
MARIANNA	59.8	- 3.6	85	15	25	18	0	2	2.30	- 0.86	1.13	17	.0			5	2	1
MARKEO TREE	59.0	- 2.6	85	14+	27	18	0	2	3.83	0.11	1.92	17	.0			5	3	2
MARSHALL	58.4M	- 3.0	82	1	24	18	0	0										
MENA	62.0	- 1.3	85	13	31	18	0	1	5.62	1.93	1.75	30+	.0			8	5	2
MONTICELLO	63.9		89	16	32	19	0	1	1.64		.86	17	.0			4	2	0
MORRILTON	60.4	- 3.2	88	14	31	18	0	2	1.88	- 1.80	.90	31	.0			5	3	0
MOUNT IOA 1	57.9	- 4.1	85	1+	24	18+	0	8	3.19	- 0.52	.92	17	.0			5	4	0
MOUNT MAGAZINE	58.4		77	13+	33	17	0	0	1.85		.50	30	.0			7	4	0
MOUNTAIN HOME	57.2	- 3.5	83	1+	22	18	0	3	1.20	- 2.76	.50	17	.0			4	2	0
NASHVILLE	61.7		87	15	29	18	0	2	3.95		2.30	31	.0			4	3	1
NEWPORT	59.3	- 3.1	85	13+	29	18	0	3	2.82	- 0.15	1.75	31	.0			7	3	1
NIMROO OAM	59.0		86	2+	28	18	0	2	3.03		1.05	31	.0			7	4	0
NORFORK OAM	57.6		85	16	26	18	0	2	1.17		.55	17	.0			3	2	0
OKAY	63.0	- 3.0	90	7	27	18	1	2	4.92	1.94	2.85	31	.0			5	4	2
OZARK	59.5	- 4.1	87	2	28	18	0	3	2.53	- 0.83	1.05	17	.0			4	3	0
PARAGOULO	58.1M		85	15	24	17	0	4	1.75	- 1.19	1.04	31	.0			4	3	1
PERRYVILLE	59.9	- 1.2	88	15	28	25	0	1	1.72	- 1.78	1.00	17	.0			4	3	0
PINE BLUFF	64.1	- 0.8	87	16	35	18+	0	0	1.79	- 1.04	.71	14	.0			7	3	0
PINE BLUFF CAA	60.9		85	16	31	19	0	2	2.02		.61	31	.0			7	3	0
POCAHONTAS 1	59.1	- 2.7	84	13	26	18	0	2	1.03	- 2.28	.32	7	.0			5	2	0
PORTLAND	61.6	- 3.4	86	2+	28	19+	0	4	1.68	- 2.26	.41	14	.0			4	1	0
PRESCOTT	61.3	- 4.2	87	7	30	19	0	3	3.49	0.86	1.85	31	.0			5	4	1
ROGERS	58.3	- 1.8	83	2	23	18	0	1	1.99	- 1.50	.68	6	.0			4	4	0
RUSSELVILLE	61.1	- 0.8	86	1	27	18	0	2	2.46	- 0.55	.49	31	.0			8	6	0
SAINT CHARLES	60.6		84	1+	29	17+	0	2	1.78		.78	17	.0			6	6	0
SEARCY	61.4	- 1.6	86	13+	29	19	0	2	1.29	- 1.84	.52	31	.0			7	6	0
SILOAM SPRINGS	58.4		83	15	23	18	0	2	1.19		.39	6	.0			7	6	0
STUTTIGART	59.8	- 4.2	83	15	31	17	0	1	1.73	- 1.29	.60	16	.0			5	3	0
STUTTIGART 9ESE	59.8	- 3.9	83	16+	30	17	0	2	1.22	- 1.86	.51	17	.0			6	2	0
SUBIACO			85	15			00		2.32	- 1.17	.98	30	.0			4	3	0
TEXARKANA WB AIRPORT	64.3	- 1.5	86	15	34	18	0	0	2.46	- 0.95	.72	13	.0			4	3	0
TURNPIKE	58.2		80	2	30	18	0	2	2.73	- 2.26	.71	17	.0			7	4	0
WALORON	59.8		87	13+	25	18	0	4	4.37	0.50	1.59	17	.0			7	5	1
WARREN	63.2	- 1.7	87	1	32	18+	0	2	2.12	- 1.05	.91	17	.0			4	3	0
WHITE ROCK	59.8		80	1+	33	17+	0	0	2.84		1.61	16	.0			5	4	1
WYNNE	60.5	- 2.3	84	15	28	18	0	1	1.11	- 2.45	.75	31	.0			4	1	0
STATE	60.0	- 2.8							2.40	- 0.76								

See reference notes following Station Index.

DAILY PRECIPITATION

ARKANSAS
OCTOBER 1948

Table 3

Station		Day of Month																															Total			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
ABBOTT							.60					.11						.98				T	.04								.56	2.29				
ALPINE							.48					.69						.96													T	.30	2.43			
ALUM FOPK	Z						.40				.20				.40			.39				T									.55	1.30	3.24			
ALY							.72				.10							.40													.91	.59	3.24			
ANTOINE	R						1.10					.62			.05		.52	.80																		
APLIN				.02			.26					.01	.15				.62			.87												1.33	3.26			
APPLETON	R					.30											.08	.09				.03									.89	.07	1.46			
ARKADELPHIA	Z			T			.19					.40			T		.79														T	.90	2.28			
ARKANSAS CITY							.11					.05				.04	.16			.06												T	0.42			
ASHDOWN							.12			1.00			.71				.89														1.14	.31	4.17			
ATHENS				T			.15					.50			.15		.49															.48	1.22	2.99		
AUGUSTA	Z						.25					.12					.82															.63	1.82			
BATESVILLE AIRWAY						.31											.27	.08													1.36	.53	2.55			
BATESVILLE LIVESTCK							.41													.45				.10	.10							1.12	2.18			
BATESVILLE L O 1	Z						.28										.37															1.83	2.48			
BEATY LAKE							.24				.18	T					.87															1.67	2.96			
BEAVER					.02	T											.40					.05	.12								T	.22	0.90			
BEE BRANCH				T			.32								.09		.20															.91	.83	2.32		
BEECH GROVE																																	.40	0.40		
BEEDESVILLE							.32																									.88	.43	1.63		
BENTON				.22			.28					.08	.37				.89																2.05	4.68		
BENTONVILLE					T		.83									.79	.24					T	.20										1.85			
BERRYVILLE	R					.65								.02		.49							.12								.06	.14	1.48			
BETHESDA							.37										.48																1.24	2.09		
BIG FLAT							.54											.93														.89		2.38		
BIG FORK							.40					.30						1.00														1.80	1.40	4.50		
BIG LAKE OUTLET							.26						T				1.26																1.28	3.02		
BLACK ROCK									.27								.02			.17													.59	1.06		
BLUE MOUNTAIN OAM						.41					.12						.55	.29														.64		2.06		
BLUFF CITY 3SW	R						.37					.14						1.45															T	1.96		
BLYTHERVILLE							.23											1.16																		
BOONEVILLE	Z					.17					.05			.25		.75						.05	.01	.05												
BOONEVILLE 2S							.17						.12					.66														.17	.43	1.73		
BOTKINBURG	R						.34							.05			.40	.07														2.50	.10	3.54		
BOUGHTON							.20					.26			1.04			.91																1.92	4.33	
BRAOORO							.26					.05						.31																1.30	1.96	
BRINKLEY	//Z						.20					.29						1.33																1.71	3.61	
BUFFALO TOWER																		1.10																		
BULL SHOALS OAM	R						.45										.82				.02													1.71	3.61	
BURETTE							.25											1.43																1.09	2.77	
CABOT							.31					.23					.06		.40														.30	.74	2.04	
CALICO ROCK							.89										.02		.83																	
CAMDEN 1							.29																													
CAMDEN 2	R						.26					.17					.32																			
CAMP CHAFFEE							.23								.27	.32			.78																	
CANAAN	R						.50												.78																	
CARLISLE							.18																													
CARPENTER OAM	R			.05			.16				.63	.16		.20			.03	.78			.98													.70	1.50	4.05
CLARENOON							.28											.77																.97	2.36	
CLINTON							.21											.40		.11														2.80	3.42	
COLO SPRINGS							.32																													
COMBS	R						.65											3.30															.40	.35	4.59	
COMPTON	R						.73											1.15				.05											.20	.05	2.45	
CONWAY				.13			.23											1.53																		
CORNING	Z						.38										.37		.27														.63	.34	2.31	
COTTER							.61					</																								

DAILY PRECIPITATION

ARKANSAS
OCTOBER 194

Table 3-Continued

Station	Day of Month																															Total			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
JONESBORO	T						.24				.01						.54	.04				.03									2.08	2.94			
KEO		.01					.28										1.25														.54	1.53	3.94		
LAKE CITY							.38										1.50				T										.09	1.24	3.23		
LEAD HILL						.81	.10									1.02	.36				.12										.24	2.64			
LEE CREEK							.26						.20			.03	1.03				.07										.10	.22	1.97		
LEOLA							.30			.02	T		.30			.70	T														.50	.75	2.51		
LITTLE ROCK WB AP	Z	.02				.18				.33			.01	T		.02	.57				T										.37	1.50			
LITTLE ROCK FULT PL		.09				.22				.29			.05	.01			.53														.49	1.38	3.06		
LOCK AND DAM NO 3							.35										.48															1.73			
LOST CORNER							.44									.06	.37					.03										1.77	2.67		
MURTON							.67									T	1.24					.03									.10	1.20	3.29		
NUTHERVILLE							.28						.18			.06	T		.41		T										.72	.72	-		
MAISON							.35				T	.17					.55															1.15	2.15		
MAGNOLIA	Z				.04		.23				.24	.07	.45				1.46															.44	1.62	2.11	
MAVERN								.24							.15		1.09																4.10		
MAMMOTH SPRING							.45							.08			.78															.67	1.98		
MARIANNA	Z	.04						.12				.03					1.13															.98	2.30		
MARKED TREE							.25										1.92															1.35	3.83		
MARSHALL							.55										1.51																-	-	
MARVEL											.11						.71															T	0.82		
MALMEE						.41							.03				.89														.26	.45	2.04		
MC BOURNE	-					.48										T			.43	T												-	-		
MENA	Z					.35				.20	.15			.59			.82					.01										1.75	1.75	5.62	
MONTICELLO	Z					.13								.23			.86															.42	1.64		
MOOREBAY L D 8	Z						.14							.54			.74					.03										.02	1.51		
MORRILTON			T				.29				T	.07					.42															.90	1.88		
MOUNT IOA 1	R								.70								.92															.60	3.15		
MOUNT MAGAZINE							.46			.12			T	T		.35	.10					.07										.50	.27	1.85	
MOUNTAIN HOME	Z						.40										.50				T	.05										.20	.10	1.20	
MOUNTAIN VIEW			T				.45										.81						.01									1.22	2.49		
MOUNTAINBURG					T		.41						.19			.36	.77				.05										.37	T	2.15		
MULBERRY						T	.30							.10			.93					T									.40	.26	1.99		
NASHVILLE							.18				T	.56					.91																2.30	3.95	
NATHAN			T				.71			.05	.34			.45			.95					T										1.80	4.30		
NEWHOPE							.40			.36			.30			1.00																1.00	3.06		
NEWPORT							.25				.03		.12				.55	.10				.02										1.75	2.82		
NIMROD OAM	Z				T		.15			.03	.07		.32				.81															.60	1.05	3.03	
NORFORK OAM	Z						.42										.55																.20	1.17	
ODELL							.48							.48			.78															.07	1.89		
ODEN							.44			.25							.95					.06													
OKAY								.30			.09					.60	1.08																2.85	4.92	
OWENSVILLE				.10			.30		.06		.12			T	1.51		.66															.58	1.68	5.01	
OZARK							.60								.02		1.05															T	.86	2.53	
PARAGOULD							.11																										.07	1.04	1.75
PARKIN	-						.45												.6	T															
PARTHENON	R						.45										1.69															.15	.33	2.62	
PERRYVILLE							.27				.12			.33			T	1.00																1.72	
PINE BLUFF		.01					.02				.06			.71			.33		.05														.61	1.79	
PINE BLUFF CAA	Z	T				.22				.10			T	.51		.04	.31															.23	.61	2.02	
PINE RIDGE							.50			.30	T						.92															1.10	1.68	4.58	
POCAHONTAS 1							.32										.14															.18	.32	1.03	
PORTLAND							.11				.11						.41																		
PRESCOTT							.33				.35			.21			.75	.05																	
PRESCOTT SCS	R					.35							.20				.66															T	1.85	3.49	
PYATT	R					.50							.02				.92															.10	.08	1.62	
RATCLIFF		T					.65										1.32															.61	.16	2.74	
RAVANA	R						.31				.45			.25			.55	1.53																	
REHMELOAM	R	.04					.18				.48			.07			.03	.92														.77	1.52	3.09	
ROCKHOUSE							2.40										.61																1.34		

TABLE 4

HOURLY PRECIPITATION

ARKANSAS
OCTOBER 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
													-1st-												
CANAAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
													-2d-												
CARPENTER OAM																	.04	.01							.05
LITTLE ROCK WB AP																		.02							.02
REMMEL OAM																	.02	.02							.04
STUTTGART 9ESE																		.05							.05
													-3d-												
CANAAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
													-5th-												
HAROL																					.23	.08	.02		.33
													-6th-												
ALUM FORK																			.10	.15	.11				.36
ALY																			.65	.07					.72
APPLETON																			.18	.10	.02				.30
ARKADELPHIA																				.20					.20
AUGUSTA																				*	*	*	*		*
DATESVILLE L O 1																			.05	.09	.06	.08			.28
BERRYVILLE									.03		.01			.05			.24	.16	.16						.65
BLUE MOUNTAIN OAM																	.39	.02							.41
BOONEVILLE																	.10	.06							.16
BOTKINBURG																			.18	.14	.02				.34
BRINKLEY																			.01						.11
BULL SHOALS OAM																		.05	.25	.15			.05		.45
CAMOEN 2																			.18						.26
CANAAN							.20	.15	.10	.04		.01								.08					.50
CARPENTER OAM																	.02	.08		.13		.03			.16
COMBS																									.65
CORNING											.38														.38
OASIS																			.77	.02					.79
OANVILLE																			.25						.53
OENVER																	.06	.44	.16	.04	.03	.01	.10	.05	.74
OUMAS 2																									.20
OURHAM																	.60	.03	.02	.04					.69
FOREMAN																			.02	.13					.15
FORREST CITY																						.10	.02		.12
FORT SMITH WB AIRPORT																	.26								.26
GILBERT																			.22	.13	.05				.40
HARRISON CAA													*	*	*	*	*	*	.34	*	*	*	.23		-
HEBER SPRINGS 3SW																			.07	.20		.09	.01		.37
HUNTSVILLE																.05	.45	.27	.03	.05					.85
HUTTIG OAM																					.12	.06			.18
LITTLE ROCK WB AP																			.03	.06		.03	.06		.18
MAGNOLIA																				.20	.05				.02
MARIANNA																						.05	.09	.01	.10
MAUMEE																			.20	.11	.09				.41
MENA																		.32	.03						.35
MONTICELLO																					.05	.09	.01		.15
MOROBAY L O 8																			.15						.15
MOUNTAIN HOME																			.26	.12	.10				.48
NIMROO OAM																			.12	.10					.22
NORFORK OAM																	.01	.02	.12	.15	.09	.02	.01		.42
PARTHENON																	.35	.09	.01						.45
PINE BLUFF CAA																					.17	.04			.21
PRESCOTT SCS																			.33	.02					.35
PYATT																	.23	.10	.15	.02					.50
RAVANA																			.10	.20	.01				.31
REMMEL OAM																			.13	.02		.03			.18
SMITHVILLE																				.10	.05	.04	.01		.20
STUTTGART 9ESE																				.01	.02	.05			.10
TEXARKANA WB AP																			.10						.22
WALORON						.01	.02											.19							.55
WEDDINGTON LAKE										.05		.10					.40								.60
WEST FORK																	.57	.02							.45
WHEELING																			.29	.11	.05				.45
WINFREY																	.03	.02	.40						.45
WING																			.20	.08			.01		.29
													-7th-												
AUGUSTA	*	*	*	*	*	*	.25																		.25
BOTKINBURG	.04	.04																							.08
BRINKLEY	.04																								.04
OANVILLE	.01	.07																							.08
FORREST CITY	.10	.02	.01			.01																			.14
													-10th-												
ALUM FORK				.01	.01	.02	.01					.01	.01	.03	.04	.01	.01								.16
ALY													.05	.05											.10
ARKADELPHIA												.04	.01	.02	.09	.19	.05	.04	.01						.45
AUGUSTA								*	*	.02	.02	.03	*	*	*	*	*	*			.12				.12
BLUE MOUNTAIN OAM																									.09
BOONEVILLE						.01	.04														.01				.26
BRINKLEY																	.08	.09	.07	.02					.17
CAMOEN 2																									.63
CARPENTER OAM					.17	.06	.02						.08	.15	.12	.01	.04								.48
OASIS		.05	.05				.02						.05	.05	.12	.01									.20
OANVILLE									.10	.05			.14	.47	.03										.64
FOREMAN																	.02	.08	.08						.18
FORREST CITY																			.02	.03		.07	.01		.15
HUTTIG OAM																									.33
LITTLE ROCK WB AP					.04	.06	.02	.02					.01	.05	.08	.04	.01								.25
MAGNOLIA															.11	.07	.04	.03							.35
MENA		.01	.04	.14	.01						.05	.05	.05												.08
NIMROO OAM													.05	.05	.03										

See Reference Notes Following Station Index

ARKANSAS
OCTOBER 1941

- 138 -

ARKANSAS
OCTOBER 1948

- 139 -

TABLE 4 — Continued

HOURLY PRECIPITATION

ARKANSAS
OCTOBER 194

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
GILBERT								.05	.10																.3
HARRISON CAA							*	.01	.02	.25	.09	.01	.14												.1
HEBER SPRINGS 3SW													.01	.28	.01	.01			.08			.06	.46	.14	1.4
HUNTSVILLE							.15																		.1
LITTLE ROCK WB AP								.11	.20	.04	.02														.3
MARIANNA													.05												.2
MAUMEE								.15	.10																.0
MENA					.25	.80	.70																		.2
MOUNTAIN HOME							.10	.06	.04																2.3
NIMROD OAM							.60	.22	.03				.01	.02											1.2
NORFORK OAM								.02	.03																.0
PARTHENON							.15																		.1
PINE BLUFF CAA								.05	.15				.01												.1
PYATT							.08	.02																	.2
REMMEL OAM							.17	.42	.18																.1
SMITHVILLE																									.7
STUTTGART 9ESE											.05	.09	.01										.01	.04	.0
WALORON							.45	.15	.02													.01	.58	.04	1.2
WEDDINGTON LAKE							*	*	*	*	*	.12	*	*	*	*	*	*	*	*	*	*	*	*	.1
WEST FORK	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.05
WHEELING																									.1
WINFREY						.24	.10	.01	.04	.14	.03		.04	.03	.02							.05	.04	.01	.6
WING								.28	.02										.05	.01	.04		.10	.10	.6
-31st-																									
ALICIA																									
ALUM FORK	.28	.50	.20	.03	.02		.05																		1.0
ALY	.07	.32	.20																						.5
APPLETON	.01		.01		.02	.03																			.0
AUGUSTA	*	*	*	*	*	*	*	*	*	.66															.6
BATESVILLE L D 1	.18	.10					.08	.10	.02		.03	.02													.1
BERRYVILLE			.14																						.1
BOONEVILLE																									.1
BOTKINBURG						.02	.07	.01																	.1
BRINKLEY				.90	.15	.40	.05			.05	.10	.17	.01												3.2
CAMOEN 2					.01	.12	.22	.44	.21																.2
CANAAN						.12	.13																		.5
CARPENTER DAM			.62	.41	.23	.09	.04	.10	.01																.1
COMBS			.02	.01	.02																				.5
CORNING	*	*	.72																						.0
DAISY	.02	.45	.58	.17	.14	.10	.06																		.7
OENVER				.07	.01																				.0
OUAS 2								.17	.37	.03	.05		.01	.02											.6
OURHAM		.10																							.1
FOREMAN				.17	.73	.50	.09	.11	.10	.40															2.1
FORREST CITY			.02	.80	.50	.12	.16																		.1
GILBERT				.05	.27	.43																			1.6
HAROT	.13	.09	.02																						.7
HARRISON CAA	*	*	*	*	*	*	.23																		.2
HEBER SPRINGS 3SW	.12	.13	.03	.01	.01			.05	.02																.3
HUNTSVILLE		.05	.02	.03																					.1
LITTLE ROCK WB AP		.03	.20	.58	.47	.10	.01	.20	.01	.01															1.6
MARIANNA					.60	.15	.09	.01	.05																.9
MAUMEE				.02	.23	.20																			.4
MENA	.75	.30	.10																						1.1
MONTICELLO							.05	.09	.05	.05	.05	.03	.02	.06											.4
MOUNTAIN HOME					.08		.01																		.0
NIMROD OAM	.05	.12	.10						.03																.3
NORFORK OAM					.03	.10																			.3
PARTHENON					.33																				.1
PINE BLUFF CAA					.02	.02	.14	.15	.07	.10	.05														.3
PRESCOTT SCS					.58	.60	*	1.00	.18	.16	.09	.05	.02												.3
PYATT				.04	.04																				2.6
REMMEL OAM		.09	.21	.45	.31	.14	.09	.12	.11																.0
SMITHVILLE	.15	.05	.04	.01				.02																	1.5
STUTTGART 9ESE				.02	.02	.11	.09	.11	.06	.03	.01														.2
WALORON	.06	.02					.02																		.4
WEST FORK		.08	.01																						.1
WHEELING				.05	.05																				.0
WINFREY													*	*	*	*	.40	*	*	*	*	*	.25		.1
WING	.10	.12	.08																						.6

See Reference Notes Following Station Index

DAILY TEMPERATURES

ARKANSAS
OCTOBER 1948

Table 5

Station		Day of month																															Average	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ALUM FORK	MAX	80	84	85	85	85	84	84	85	84	83	71	77	83	82	79	80	79	63	73	73	65	79	77	75	73	75	76	78	80	72	71	78.1	
	MIN	50	50	50	50	46	46	44	44	44	53	42	46	54	53	62	62	43	31	33	38	48	43	42	45	38	45	42	42	55	54	45.7		
ARKAOLPHIA	MAX	84	82	87	80	80	82	86	74	79	84	64	74	79	84	80	85	58	62	72	73	74	79	83	70	73	76	78	80	82	77	77.5		
	MIN	50	52	54	46	45	46	46	43	43	44	53	40	42	43	55	56	45	30	29	29	32	49	37	37	39	39	40	42	43	57	43.6		
ASHDOWN	MAX	88	87	81	79	84	85	74	79	83	68	71	78	85	82	82	88	60	62	69	75	70	78	82	72	73	76	79	80	79	75	77.5		
	MIN	51	52	46	44	42	45	41	40	52	57	41	43	53	55	59	47	28	29	37	45	50	38	43	35	37	38	40	40	51	62	63	45.6	
BATESVILLE AIRWAY	MAX	83	82	74	72	74	75	69	74	68	68	71	78	84	83	85	84	54	63	76	73	62	75	75	70	73	74	73	81	66	72	74.3		
	MIN	55	55	51	45	41	52	45	48	43	54	43	39	40	51	45	46	31	27	29	34	50	41	37	39	35	35	34	37	41	53	59	43.3	
BATESVILLE LIVESTCK	MAX	78	80	83	88	73	79	74	75	73	82	69	71	78	83	83	84	85	55	67	76	73	63	74	74	72	69	74	77	75	80	66	75.1	
	MIN	50	48	46	37	37	39	40	40	40	52	41	38	36	47	40	67	42	21	27	29	47	39	33	33	32	32	32	34	35	51	57	40.1	
BEE BRANCH	MAX	86	85	82	78	77	80	75	76	80	75	74	79	80	87	82	80	75	62	73	73	68	76	78	72	75	76	77	78	80	74	71	76.9	
	MIN	52	54	51	42	41	47	45	44	43	53	48	39	39	48	49	62	45	24	28	33	50	39	38	38	36	36	44	37	44	74	61	43.9	
BENTON	MAX	81	84	85	79	76	80	82	73	76	81	65	72	80	82	82	76	79	58	64	73	75	75	77	81	70	73	74	76	78	79	80	76.3	
	MIN	48	31	50	41	40	45	38	39	40	53	37	37	37	51	51	43	26	26	30	39	43	35	36	32	35	44	35	36	38	39	39.5		
BENTONVILLE	MAX	79	79	81	78	67	76	71	66	74	78	68	76	79	81	81	74	54	63	74	62	63	74	66	70	75	76	76	78	78	69	73.0		
	MIN	53	53	49	44	47	54	37	40	43	48	38	36	39	38	42	36	34	25	30	34	42	36	35	36	35	36	39	38	46	58	36	41.1	
BETHESOA	MAX	76	82	82	74	70	75	76	68	72	81	69	68	75	82	81	83	84	54	62	76	74	72	72	73	68	71	73	76	74	80	67	73.9	
	MIN	49	50	44	36	35	47	36	45	37	48	43	36	33	44	37	65	40	20	24	27	33	35	30	32	27	29	36	30	35	45	55	38.2	
BLYTHEVILLE	MAX	74	80	79	70	69	74	78	71	73	81	69	70	75	84	79	87	81	47	58	74	74	69	75	71	68	72	73	68	77	83	73	73.4	
	MIN	56	57	50	44	44	45	49	49	47	48	50	43	40	43	47	45	41	30	30	36	44	49	44	41	39	40	43	44	44	48	48	44.7	
BOONEVILLE	MAX	87	84	81	81	85	82	74	78	86	80	78	69	75	80	87	80	80	84	79	87												-	
	MIN	38	50	38	40	44	56	57																									-	
BRINKLEY	MAX	84	84	76	73	78	79	73	76	83	72	72	78	83	85	85	84	78	62	75	77	72	79	79	72	75	77	82	82		75	77.5		
	MIN	52	51	51	42	41	52	47	44	44	56	52	38	39	54	47	66	42	27	28	33	47	46	37	38	36	36	45	39	46		53	44.3	
CAMOEN 1	MAX	88	87	86	80	80	85	86	76																81	84	73	78	79	82	83	84	83	-
	MIN	49	52	51	42	43	48	51	47															37	38	38	39	43	38	40	43	58	-	
CAMP CHAFFEE	MAX	82	88	86	81	78	84	81	71			84	73	79	85	85		89	57	64	72	74	69		78	71	73	76	79	78	83	73	77.5	
	MIN	48	54	49	47	51	55	45	49			42	36	39	46	49		43	27	29	38	47	38		36	33	35	42	39	46	54	58	43.5	
CONWAY	MAX	83	83	78	80	78	80	74	75	81	69	72	76	83	82	81	74	60	72	74	63	75	76	70	72	73	75	78	82	68	72	75.5		
	MIN	53	54	49	43	43	51	45	43	43	57	51	39	40	52	50	64	45	28	29	34	48	40	38	36	35	45	38	45	55	59	44.7		
CORNING	MAX	72	82	72	72	70	75	77	69	72	80	73	72	76	83	77	84	79	53	60	75	73	62	72	70	67	68	75	69	75	80	68	72.6	
	MIN	52	54	50	41	39	46	47	47	43	50	44	38	39	45	42	45	43	25	29	36	43	39	35	37	39	35	39	33	36	41	58	41.6	
CROSSETT	MAX	87	83	80	77	85	86	82	81	85	86	75	80	85	83	83	88	79	62	69	78	76	80	81	74	78	77	82	83	83	83	76	80.2	
	MIN	55	53	55	43	41	51	53	39	40	53	60	38	39	56	59	64	43	27	25	29	40	48	36	43	38	41	48	40	52	64	45.6		
CUMMINS FARM	MAX	83	83	77	72	65	81	79	76	82	72	71	78	83	80	82	86	78	59	70	75	74	76	79	71	74	77	80	80	82	77	70	76.3	
	MIN	49	52	51	43	41	47	43	45	41	55	55	37	38	52	40	63	41	27	27	31	43	50	36	39	37	46	38	38	50	60	43.8		
OARONELLE	MAX	81	86	80	81	76	81	82	70	76	81	68	76	80	84	84	82	79	61	65	71	75	62	78	80	72	73	74	77	76	81	70	76.2	
	MIN	52	52	52	45	45	45	45	45	43	43	43	40	40	40	41	52	46	30	30	30	42	38	38	35	35	35	36	40	47	47	41.4		
OE QUEEN	MAX	84	84	80	78	81	82	80	77	78	70	75	77	84	82	78	81	72	60	67	69	70	76	80	72	70	76	75	74	78	75	73	76.1	
	MIN	52	52	54	45	49	60	42	40	42	45	50	40	43	57	56	63	46	28	30	3													

DAILY TEMPERATURES

ARKANSAS
OCTOBER 1941

Table 5-Continued

Station		Day of month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
KEO	MAX MIN	83 51	84 58	77 51	74 41	79 41	81 49	73 45	76 43	82 57	68 57	72 53	78 40	84 53	81 51	83 64	74 41	62 27	72 30	77 33	73 45	77 45	81 38	71 38	74 37	76 36	78 46	80 39	81 42	70 55	72 60	76.6 45.6	
LEAD HILL	MAX MIN	85 45	84 50	78 40	75 33	80 38	76 54	62 38	73 50	82 37	77 42	69 36	77 31	81 31	83 38	85 45	78 35	65 22	76 25	72 29	66 49	73 33	70 32	68 28	71 27	74 28	73 38	73 21	78 40	73 55	83 58	74.8 37.6	
LITTLE ROCK WB AP	MAX MIN	81 56	81 59	75 56	74 50	76 47	80 53	72 43	73 47	79 58	66 42	72 43	77 46	83 46	80 56	73 53	81 64	56 34	60 35	70 32	72 48	69 45	77 41	67 46	70 45	71 43	74 50	77 47	78 50	71 57	71 60	73.6 43.6	
LUTHERVILLE	MAX MIN	84 52	82 62	80 51	76 47	77 47	78 55	78 42	75 45	80 45	78 55	71 52	76 42	79 45	85 52	83 57	78 62	75 42	72 34	73 41	72 52	76 42								71 52	74 60	77.0 48.1	
MAGNOLIA	MAX MIN	90 56	88 55	87 51	80 50	86 52	87 55	82 43	81 45	85 50	79 56	78 56	82 47	87 60	84 62	88 67	80 46	64 31	74 32	75 39	72 46	82 43	83 42	78 47	74 43	75 45	81 54	80 51	83 51	84 63	79 64	81.0 50.3	
MALVERN	MAX MIN	83 56	86 59	87 58	82 54	78 42	82 50	83 48	74 50	78 55	84 55	66 52	74 39	80 40	83 50	83 58	79 60	81 40	70 30	63 28	73 36	74 44	74 45	79 38	84 45	70 40	73 42	75 50	77 44	79 45	82 57	72 57	77.7 47.3
MAMMOTH SPRING	MAX MIN	82 38	79 36	80 34	78 35	60 36	60 35	67 38	65 37	70 39	77 39	79 34	78 37	79 36	80 39	79 39	78 23	69 23	69 25	72 27	77 26	79 25	84 20	80 27	75 32	74 31	78 39	70 35	73 31	75 33	77 39	75.3 33.3	
MARIANNA	MAX MIN	80 53	81 55	73 51	71 42	75 41	78 53	70 49	74 45	80 43	65 51	70 55	76 37	81 42	83 48	85 50	84 63	65 42	58 25	71 30	74 34	73 46	76 46	78 37	69 40	72 38	75 41	76 40	79 40	81 45	71 48	70 61	74.6 44.9
MARKED TREE	MAX MIN	76 56	81 58	79 50	72 44	72 41	76 45	78 46	73 45	75 46	81 53	68 50	70 40	77 41	85 41	83 46	85 48	83 42	49 29	59 34	75 35	73 43	69 47	76 41	74 38	69 37	72 40	70 30	77 40	71 45	82 59	73 59	74.5 43.5
MARSHALL	MAX MIN	82 60	80 49	75 49	72 39	79 48	75 58	71 39	72 39	80 40	73 59	68 41	77 37	81 34	81 43	79 43	80 67	75 39	62 24	74 29	72 32	69 43	74 35	72 31	70 30	75 34	76 42	77 35	79 46			74.8 41.9	
MENA	MAX MIN	84 52	83 59	78 55	78 49	82 62	82 70	76 41	80 43	86 56	72 44	78 53	85 48	84 54	84 64	74 42	68 31	64 35	73 39	74 51	71 43	76 49	73 46	79 46	75 39	74 40	77 45	76 46	78 52	70 59	72 58	75.8 48.1	
MONTICELLO	MAX MIN	84 58	83 57	78 51	74 48	81 50	81 54	76 48	88 46	84 50	82 61	74 50	80 44	84 46	82 58	80 64	89 37	74 33	60 32	72 32	76 37	77 50	78 50	80 42	71 41	74 45	76 50	79 48	81 49	83 51	80 60	70 62	78.4 49.4
MORRILTON	MAX MIN	81 55	84 55	82 53	80 46	78 40	86 48	80 48	82 48	70 44	76 45	85 53	65 45	75 42	79 48	88 54	84 52	81 45	58 32	62 35	75 37	73 43	62 42	76 40	87 37	71 38	77 40	75 40	73 41	77 41	81 56	68 56	76.5 44.2
MOUNT IDA 1	MAX MIN	85 43	84 47	81 42	81 36	82 38	83 40	85 41	84 40	80 39	78 38	77 36	82 32	83 34	82 35	80 34	80 36	78 32	71 24	75 24	76 28	78 31	79 32	78 35	76 33	78 34	80 32	76 35	80 38	77 52	68 54	79.3 36.5	
MOUNT MAGAZINE	MAX MIN	76 55	73 59	73 50	70 45	71 40	70 37	69 42	66 43	72 53	64 46	60 40	70 51	77 56	78 62	66 43	62 35	56 35	65 40	65 49	57 46	68 53	68 43	63 45	60 46	65 53	68 54	69 51	76 56	65 57	69 57	67.8 49.0	
MOUNTAIN HOME	MAX MIN	83 47	81 54	75 45	72 40	77 42	74 42	67 43	77 40	80 50	73 37	69 35	76 34	80 43	82 43	83 42	81 41	55 40	63 22	75 28	74 32	65 30	72 37	70 35	70 35	74 33	68 42	75 35	80 43	71 54	80 58	73.9 40.5	
NASHVILLE	MAX MIN	86 59	86 54	85 55	79 46	80 49	82 47	84 44	73 41	79 43	84 52	67 43	75 43	79 45	85 57	79 60	85 49	59 29	62 30	73 33	74 39	73 53	79 42	82 41	71 44	74 41	75 41	78 45	76 46	81 51	79 56	77.7 45.7	
NEWPORT	MAX MIN	84 58	83 56	76 53	70 46	77 44	78 45	70 50	75 47	81 43	67 45	73 51	78 40	85 41	83 42	85 47	83 48	66 45	61 29	75 30	75 32	63 37	76 44	77 38	71 40	71 40	75 41	74 38	82 40	65 45	74 56	75.1 43.5	
NIMROD DAM	MAX MIN	81 49	86 53	83 48	83 41	77 46	81 43	83 46	70 46	76 50	84 44	64 37	75 40	86 44	84 52	83 48	80 59	64 28	64 34	74 35	60 42	78 39	79 36	71 37	74 36	76 37	79 37	77 40	83 48	70 57	77 43	76.6 41.4	
NORFORK DAM	MAX MIN	74 50	84 51	83 48	77 49	72 40	78 51	77 42	70 43	74 39	84 43	74 42	71 34	78 35	81 40	83 40	85 50	82 44	55 26	64 27	76 33	74 38	66 35	74 34	71 33	70 34	71 35	73 40	72 37	76 44	71 53	74.9 40.2	
ODEN	MAX MIN	84 50	84 54	78 53	82 53	76 47	77 46	80 43	80 56	79 47	82 47	81 43	80 43	85 53	85 51	81 62	64 48	67 28	75 35	75 50	68 43	77 43										-	
OKAY	MAX MIN	87 50	86 52	80 53	81 44	85 47	88 48	90 45	80 44	84 42	76 50	75 44	80 41	85 48	82 59	84 56	84 70	80 47	63 27	71 30	75 34	75 38	80 39	84 44	80 44	75 41	75 38	79 47	74 44	81 48	80 56	78 62	79.9 46.0
OZARK	MAX MIN	82 52	87 51	83 53	80 45	76 50	85 44	78 46	69 44	74 40	80 52	72 44	78 40	81 42	82 55	84 60	78 45	52 28	62 30	70 40	67 34	70 40	76 39	69 38	70 38	74 38	75 43	75 40	80 49	66 58	74.9 44.0		
PARAGOULD	MAX MIN		82 56	74 48	70 40	77 36	79 43	73 45	75 46	82 40	77 44	76 41	75 36	84 44	80 44	85 44	79 62	76 24	73 27	74 26	75 31	66 47	74 39	72 34	78 39	70 35	75 33	69 38	77 33	81 37	72 48	74 58	75.8 40.3
PERRYVILLE	MAX MIN	82 49	80 52	78 53	76 50	80 43	78 55	83 43	80 40	82 53	73 36	79 38	82 37	85 40	88 47	80 40	74 37	74 37	75 37	75 37	73 37	72 37	87 34	83 37	78 28	75 36	76 36	77 36	78 40	71 41	72 43	78.2 41.5	
PINE BLUFF	MAX MIN	84 51	84 61	84 51	84 49	77 47	82 54	83 52	83 49	84 50	84 50	81 52	82 49	83 46	86 58	87 58	74 46	62 35	75 35	77 35	73 49	83 48	81 43	71 46	74 44	80 42</							

DAILY TEMPERATURES

ARKANSAS
OCTOBER 1948

Table 5-Continued

Station		Day of month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
TEXARKANA WB AIRPORT	MAX	86	86	80	79	84	86	74	78	82	70	73	78	83	82	86	86	60	61	70	73	68	78	81	71	74	73	78	78	81	81	76	77.3
	MIN	55	36	56	49	32	60	32	46	47	58	33	47	32	61	39	38	42	34	33	43	51	33	48	48	44	43	49	47	34	64	63	31.1
TURNPIKE	MAX	76	80	76	70	74	71	70	68	73	65	65	74	73	78	77	75	60	37	69	66	61	69	68	66	70	73	73	75	74	65	67	70.3
	MIN	50	39	30	43	48	43	39	31	47	33	42	30	35	33	41	39	34	30	43	48	48	44	46	39	43	39	30	33	36	34	52	46.1
WALDRON	MAX	83	84	80	79	84	81	70	73	83	75	72	79	87	84	87	78	70	63	74	74	63	75	75	72	73	76	79	78	80	72	79	77.1
	MIN	43	53	44	39	44	61	37	43	37	36	31	33	37	49	45	58	41	25	27	33	47	38	34	32	30	33	42	36	42	62	56	42.4
WARREN	MAX	87	83	76	76	76	84	83	82	81	79	78	78	82	84	77	86	72	69	76	72	76	69	77	69	68	76	79	78	81	81	78	77.8
	MIN	38	32	55	48	48	46	34	37	52	48	47	42	47	49	34	37	36	32	32	35	41	38	43	51	46	41	43	51	52	67	61	48.3
WHITE ROCK	MAX	80	80	76	74	73	68	62	70	76	67	68	73	71	79	78	72	33	38	67	63	66	72	70	66	68	71	71	70	73	71	70	70.4
	MIN	38	62	53	47	31	56	38	43	32	37	43	50	52	52	36	53	33	33	39	49	47	48	31	43	42	49	33	42	36	36	53	49.1
WILSON	MAX																								69	72	69	67	70	67	74		-
	MIN																								40	40	41	39	40	42	44		-
WYNNE	MAX	80	80	72	70	71	77	71	74	79	69	69	77	82	82	84	82	73	38	74	73	63	73	76	61	70	72	73	77	80	68	77	74.0
	MIN	34		50	42	43	34	32	42	46	58	31	39	44	33	54	63	41	28	34	33	33	48	39	42	42	39	47	45	51	36	61	46.9

See reference notes following Station Index.

TABLE 6

DAILY EVAPORATION (INCHES) AND WIND MOVEMENT (MILES)

ARKANSAS
OCTOBER 194

STATION		DAY OF MONTH																															TOTAL	DEPART URE FROM NORMA
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
.SDA	EVAP	.124	.120	.207	.179	.150	.156	-	.186	.274	.139	.095	.156	.160	.110	.176	.186	.272	.178	.104	.122	.074	.076	.108	.198	.104	.102	.082	.100	.070	.128		4.4218	
	WIND	15	14	21	26	22	42	69	69	91	44	34	40	33	41	14	73	130	57	26	26	6	23	14	35	55	18	30	6	17	13	30	56	1164
HOPE	EVAP	.199	.249	*	.456	.225	.309	.293	*	.433	*	.231	.161	.157	.149	.143	.018	*	.344	.130	.110	.042	.074	.276	.133	.092	.103	.096	.226	.108	.014	4.9308		
	WIND	22	35	*	81	22	26	62	*	90	*	35	22	12	25	18	30	*	132	25	16	16	1	22	53	30	6	27	4	23	17	39	891	
NINRDD DAM	EVAP	.142	.161	.116	.177	.158	.160	.150	.250	.189	.136	.085	.084	.152	.112	.152	.113	.121	.126	.122	.150	.102	.014	.133	.130	.105	.106	.084	.100	.086	.121	3.947		
	WIND	7	4	9	4	9	10	26	56	26	13	5	7	5	3	5	4	20	22	8	8	5	12	5	4	7	3	5	4	16	2	317		
NDRFORK DAM	EVAP	.073	.108	.219	.155	.128	.047	.160	.343	.017	.120	.120	.114	.040	.170	.150	.124	.138	.118	.100	.118	.219	.128	.296	.120	.098	.072	.070	.048	.066	.142	3.843		
	WIND	3	52	27	16	42	48	60	40	11	31	19	16	23	6	35	66	49	20	21	17	15	25	12	16	14	6	3	45	14	.022	772		
STUTTIGART 9 MI. ESE	EVAP	.071	.129	.107	.131	.124	.102	.163	.214	.108	.144	.005	.141	.090	.114	.098	.227	.162	*	.064	.079	.100	.091	.109	.102	.079	.087	.062	.071	.105	.117	3.244		
	WIND	5	0	30	30	20	15	65	110	20	15	5	22	8	35	10	65	70	25	15	5	20	5	15	5	15	15	20	5	10	25	25	7200	

TABLE 7

DAILY RIVER STAGES (FEET)

RIVER AND STATION	FLOOD STAGE	DAY OF MONTH																															HIGHEST (OR CREST)	DATE	LOWEST	DATE	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31					
BUFFALO GILBERT	30	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.3	3.3	31	3.2	2	
BLACK BLACK ROCK	14	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1	1.3			
WHITE COTTER	21	1.0	1.4	1.2	1.2	1.1	1.1	1.5	1.6	1.6	1.7	1.6	1.6	1.0	1.0	1.4	1.2	1.1	1.0	1.6	1.0	1.5	1.6	1.3	1.3	1.1	0.9	1.0	1.1	1.0	1.0	1.0	1.7	10	0.9	2	
CALICO ROCK	19	-	1.5	1.3	0.1	1.4	1.2	1.2	1.6	1.5	1.1	0.6	1.6	1.3	1.1	0.9	1.0	1.0	1.1	1.2	1.1	1.0	1.1	1.0	0.8	0.2	0.8	0.7	0.8	0.7	-	-	-	-	-		
BATESVILLE L & D #1	23	6.0	6.0	6.0	5.8	4.8	6.0	6.0	5.9	6.0	6.2	6.0	5.1	6.1	6.0	5.8	5.9	6.0	5.8	4.7	5.9	6.2	6.0	6.0	6.0	5.1	4.7	5.8	5.9	5.8	5.8	6.1	6.2	10	4.7	1	
NEWPORT	26	0.9	0.8	0.7	0.7	0.6	0.1	0.6	0.7	0.6	0.7	0.9	0.6	0.3	0.7	0.6	0.5	0.5	0.6	0.4	0.1	0.4	0.7	0.6	0.6	0.6	0.4	0.0	0.4	0.4	1.0	1.0	31	0.0	2		
GEORGETOWN	21	0.5	0.6	0.6	0.6	0.6	0.6	0.4	0.3	0.3	0.3	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.2	0.0	0.0	0.0	0.6	2	0.0	2	
CLARENDON	26	8.4	8.3	8.2	8.2	8.2	8.2	8.1	8.0	8.0	8.0	7.9	7.9	8.0	8.0	8.0	8.0	8.0	8.0	7.9	7.8	7.8	7.8	7.6	7.6	7.6	7.8	7.8	7.8	7.7	7.6	7.6	8.4	1	7.6	3	
PETIT JEAN DANVILLE	20	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.7	2.6	2.6	2.6	2.6	2.6	3.4	2.9	2.7	2.6	2.6	2.6	2.8	2.7	2.6	2.6	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	3.4	14	2.5	2
ARKANSAS VAN BUREN	22	5.2	5.5	5.4	5.3	5.0	4.8	4.6	5.0	5.1	4.9	4.6	4.6	4.4	4.2	4.7	5.0	5.1	5.0	4.5	4.2	4.6	4.8	4.8	4.9	4.9	4.8	4.5	4.2	4.8	4.8	4.7	5.5	2	4.2	2	
DZARK	22	1.2	1.5	1.6	1.7	1.6	1.5	1.3	1.1	1.3	1.4	1.3	1.1	1.0	0.9	0.7	1.0	1.0	1.2	1.4	1.2	1.0	0.8	0.8	0.7	1.0	1.6	1.1	1.0	0.8	-	1.0	1.7	4	0.7	2	
DARDANELLE	22	2.6	2.5	2.8	3.0	3.0	2.9	2.7	2.4	2.2	2.6	2.6	2.4	2.3	2.2	2.0	2.0	2.4	2.5	2.6	2.6	2.4	2.2	2.0	2.2	2.3	2.4	2.4	2.8	2.0	1.9	2.3	3.0	4	1.9	3	
MORRILTON	20	7.7	7.4	7.3	7.6	7.7	7.8	7.6	7.6	7.4	7.2	7.2	7.4	7.2	7.0	6.9	6.8	7.0	7.2	7.3	7.4	7.2	6.9	6.7	6.8	7.0	7.2	7.2	7.1	6.9	6.8	7.8	6	6.7	2		
LITTLE ROCK WB AP	23	1.2	0.9	0.8	0.8	0.9	1.1	1.0	0.9	0.8	0.6	0.5	0.7	0.7	0.6	0.5	0.4	0.4	0.3	0.6	0.7	0.7	0.7	0.6	0.4	0.5	0.4	0.4	0.6	0.6	0.5	0.4	1.2	1	0.5	1	
PINE BLUFF	25	2.4	2.2	2.0	1.8	1.8	2.0	2.2	2.1	2.0	1.8	1.6	1.6	1.7	1.7	1.5	1.4	1.4	1.3	1.2	1.1	1.6	1.7	1.6	1.4	1.2	1.0	1.2	1.3	1.4	1.4	2.4	1	1.0	2		
CADD GLENWOOD	10	3.2	3.2	3.2	3.2	3.2	3.2	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.3	3.3	3.3	3.3	3.4	3.4	17	3.2			
SALINE BENTON	20	2.8	2.8	2.8	2.8	2.8	2.8	2.9	2.9	2.9	2.9	2.9	2.9	3.0	3.1	3.1	3.2	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.4	3.3	3.3	3.3	3.3	3.4	3.7	3.7	31	2.8	
LITTLE MISSOURI BOUGHTON	20	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.7	3.7	3.7	3.8	3.8	3.8	3.9	4.0	4.1	4.2	4.3	4.2	4.1	4.0	4.0	3.9	3.9	3.9	3.9	3.9	3.9	4.9	4.9	31	3.6		
OUACHITA ARKADDELPHIA	17	3.0	3.2	3.3	3.2	3.1	3.2	3.2	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.2	3.2	3.2	3.2	3.3	3.4	3.4	31	3.0		
CAMDEN	26	3.7	3.7	3.7	3.7	3.8	3.9	3.9	3.9	-	-	-	-	-	-	-	-	-	-	-	-	-	3.3	3.2	3.2	3.2	3.1	3.2	3.2	3.2	3.0	4.0	4.0	3.9	-	-	
LITTLE WHITECLIFFS	25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
RED FULTON	25	7.1	6.4	5.8	5.6	6.0	6.3	6.3	6.0	5.9	5.7	6.1	6.3	6.5	6.5	6.2	5.8	5.6	6.0	6.6	7.0	7.2	7.0	6.3	6.1	6.4	6.7	6.8	6.7	6.4	6.4	7.2	22	5.6	1		
ST. FRANCIS ST. FRANCIS	18	3.2	3.9	4.1	3.8	3.1	2.5	2.1	2.0	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.9	4.1	3	1.8	2	
ST. FRANCIS LAKE	30	18.9	19.1	19.3	19.3	18.6	18.0	18.6	18.0	17.5	16.9	16.2	15.1	14.0	15.9	16.8	17.4	18.0	18.5	18.8	19.0	19.1	19.2	19.2	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	
MARKED TREE	17	1.0	0.9	0.9	0.8	0.8	3.8	1.3	3.5	3.5	3.6	3.6	3.3	3.0	1.2	0.8	0.7	0.8	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	3.8	6	0.6	1		
PARKIN	28	1.9	1.7	1.7	1.6	1.6	2.8	2.6	2.8	2.8	3.6	3.6	3.5	3.4	3.2	2.7	1.9	1.8	1.7	1.6	1.6	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	3.6	10	1.4	2			
MADISON	32	-0.7	-0.7	-0.8	-0.9	-0.9	-0.9	-0.0	0.7	0.7	0.8	1.2	1.6	-	1.0	0.8	0.9	0.7	0.5	0.5	0.5	0.6	0.6	0.3	0.3	0.5	0.7	0.9	1.0	1.0	1.0	1.1	1.6	12	-0.9		
MISSISSIPPI HELENA	44	5.2	4.8	4.3	3.5	3.2	3.1	3.3	3.8	3.9	3.7	3.4	3.4	3.3	3.2	3.6	4.2	4.4	4.1	3.6	3.3	3.8	4.3	4.9	5.1	4.7	4.4	4.3	4.2	4.1	3.8	3.6	5.2	1	3.1		
ARKANSAS CITY	42	4.3	4.3	4.1	3.6	2.9	2.5	2.3	2.2	2.6	2.8	2.7	2.4	2.2	2.2	2.2	2.4	2.9	3.2	3.0	2.5	2.2	2.4	3.0	3.6	3.8	3.6	3.2	3.1	3.0	2.8	2.6	4.3	1	2.2	1	

STATION INDEX

ARKANSAS
OCTOBER 1948

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT.	LONG.	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
ABBOTT	0006	SCOTT	ARKANSAS	35 04	94 12	624	C		7A		7		JAMES V. WILLIAMS	3
ALICIA	0064	LAWRENCE	WHITE	35 54	91 05	256	C		MID		22		BEN R. BUSH	3 4
ALPINE	0118	CLARK	OUACHITA	34 16	93 23	-	C		7A		2		MRS. ALTA F. GARNER	3
ALUM FDRK	0130	SALINE	ARKANSAS	34 48	92 52	755	C	5P	5P	11	11		L. R. WATER WORKS	2 3 4 5
ALY	0146	YELL	OUACHITA	34 47	93 29	850	C		MID		6		MRS. ELVIA LAMB	3 4
ANTDINE	0178	PIKE	OUACHITA	34 02	93 25	285	C		8A		6		EARNEST F. CARROLL	3
APLIN	0188	PERRY	ARKANSAS	34 58	92 59	400	C		7A		4		BESSIE L. EDWARDS	3
APPLETON	0196	POPE	ARKANSAS	35 25	92 53	522	C		MID		8		JOHN A. JONES	3 4
ARKADELPHIA	0220	CLARK	OUACHITA	34 07	93 03	200	C	7A	7A	52	52		W. H. HALTIBURTON	2 3 4 5 7
ARKANSAS CITY	0234	DESHA	MISSISSIPPI	33 37	91 12	145	C		8A		58		JOHN W. TRAMMELL	3 7
ASHOOWN	0286	LITTLE RIVER	RED	33 40	94 08	329	C	8A	8A	4	4		SOUTHWESTERN G & E	2 3 5
ATHENS	0300	HOWARD	RED	34 19	93 58	960	C		7A		0		ARRA D. PARKER	3
ATLANTA	0310	COLUMBIA	OUACHITA	33 07	93 02	329	C		MID		3		MISS EFFIE PERRY	3 4
AUGUSTA	0326	WOODRUFF	WHITE	35 17	91 22	218	C		7A		13		DAVID G. GRIFFITHS	3 4
BATESVILLE AIRWAY	0456	INDEPENDENCE	WHITE	35 46	91 39	363	C	MID	MID	40	40		AIRWAY OBSERVER	2 3 5
BATESVILLE LIVESTOCK	0458	INDEPENDENCE	WHITE	35 49	91 47	571	C	9A	9A	7	7		UNIV. OF ARKANSAS	2 3 5
BATESVILLE L & O 1	0460	INDEPENDENCE	WHITE	35 45	91 38	277	C		7A		35		B. M. HUDDLESTON	3 4 7
BEAR CREEK LAKE	0496	LEE	WHITE	34 43	90 42	220	C		MID		2		SOIL CONSER. SERVICE	3 4
BEATY LAKE	0512	ST. FRANCIS	ST. FRANCIS	35 05	90 43	400	C		5P		7		L. G. ADAMSON	3
BEAVER	0518	CARROLL	WHITE	36 28	93 46	930	C		7A		3		H. E. SKELTON	3 7
BEE BRANCH	0528	VAN BUREN	ARKANSAS	35 27	92 24	650	C	5P	5P	56	56		MINNIE SCANLAN	2 3 5
BEEBE	0530	WHITE	WHITE	35 04	91 54	250	C		MIO		5		JR. AG. COLLEGE	3 4
BEECH GROVE	0534	GREENE	WHITE	36 09	90 38	298	C		8A		7		B. B. HAMMOND	3
BEECHVILLE	0536	JACKSON	WHITE	35 26	91 06	221	C		8A		8		P. M. BRECKINRIDGE	3
BENTON	0582	SALINE	SALINE	34 33	92 37	285	C	7A	7A	19	19		MRS. ETTA C. BURKS	2 3 5 7
BENTONVILLE	0586	BENTON	ARKANSAS	36 22	94 13	1295	C	8A	8A	42	42		E. L. BROWN	2 3 5
BERRYVILLE	0616	CARROLL	WHITE	36 22	93 34	1255	C		MIO		5		LUCILLE R. MC WETHY	3 4
BETHESDA	0644	INDEPENDENCE	WHITE	35 49	91 47	500	C	8A	8A	8	8	5	SOIL CONSER. SERVICE	2 3 5 6
BIG FLAT	0662	BAXTER	WHITE	36 00	92 24	1250	C		7A		2		W. C. NORMAN	3
BIG FORK	0664	POLK	OUACHITA	34 29	93 58	1100	C		4P		4		ANNA M. LILES	3
BIG LAKE OUTLET	0676	MISSISSIPPI	ST. FRANCIS	35 51	90 08	239	C		7A		3		N. W. DOUGLAS	3
BLACK ROCK	0746	LAWRENCE	WHITE	36 07	91 06	259	C		7A		46		I. H. RAGAN	3 7
BLUE MOUNTAIN OAM	0798	YELL	ARKANSAS	35 06	93 39	-	C		MIO		8		CORPS OF ENGINEERS	3 4
BLYTHEVILLE	0806	MISSISSIPPI	ST. FRANCIS	35 56	89 55	252	C	7A	7A	22	22		R. E. BLAYLOCK	2 3 5
BODNEVILLE 3 MI S.W.	0828	LOGAN	ARKANSAS	35 09	93 58	465	C	6P	6P	33	33		NOVA RAF BURDOCK	2 3 4 5
BOONEVILLE	0830	LOGAN	ARKANSAS	35 09	93 55	511	C		6A		7		CLEO E. YANDELL	3
BOTKINBURG	0842	VAN BUREN	WHITE	35 39	92 30	1200	C		MIO		3		THOMAS M. PEARSON	3 4
BOUGHTON	0848	NEVAOA	OUACHITA	33 52	93 18	235	C		8A		13		MAXINE K. ALLEN	3 7
BRAOFRD	0872	WHITE	WHITE	35 25	91 28	240	C		7A		3		MARSHALL HICKMAN	3
BRINKLEY	0936	MONROE	WHITE	34 54	91 11	205	C	7A	7A	57	57		ROBERT L. GLOVER	2 3 4 5
BULL SHOALS OAM	1020	BAXTER	WHITE	36 22	92 34	760	C		MIO		1		CORPS OF ENGINEERS	3 4
BURDETTE	1052	MISSISSIPPI	MISSISSIPPI	35 49	89 56	240	C		6P		4		G. A. HALE	3
CABOT	1102	LONOKE	WHITE	34 59	92 01	289	C		6P		4		B. M. WALTHER	3
CALICO ROCK	1132	IZARD	WHITE	36 08	92 08	380	C		7A		43		MRS. M. R. HIGGERS	3 7
CAMDEN 1	1152	OUACHITA	OUACHITA	33 36	92 49	116	C	7A	7A	58	58		JOHN M. KNIGHT	2 3 5 7
CAMDEN 2	1154	OUACHITA	OUACHITA	33 35	92 51	155	C		MIO		6		EDITH Z. LEHMAN	3 4
CAMP CHAFFEE	1172	SEBASTIAN	ARKANSAS	35 18	94 18	419	C	8A	8A	6	6		U. S. ARMY	2 3 5
CANAAN	1188	SEARCY	WHITE	35 52	92 44	-	C		MIO		8		FRONCEY DELL HORTON	3 4
CARLISLE	1224	LONOKE	ARKANSAS	34 47	91 45	235	C		8A		7		R. W. HOLLS	3
CARPENTER DAM	1238	GARLAND	OUACHITA	34 27	93 01	-	C		MIO		8		ARK. P. & L. CO.	3 4
CLARENOON	1442	MONROE	WHITE	34 41	91 18	172	C		7A		44		B. F. NORTHERN	3 7
CLARKSVILLE	1456	JOHNSON	ARKANSAS	35 29	92 28	370	C		MIO		8		THOMAS L. SMITH	3 4
CLINTON	1492	VAN BUREN	WHITE	35 35	93 28	510	C		7A		26		EARL B. RIDOICK	3
COLD SPRINGS	1520	SCOTT	OUACHITA	34 58	93 54	1250	C		7A		7		MARGARET ZORNES	3
COMBS	1574	MAOISON	WHITE	35 50	93 50	1400	C		MIO		8		ROSA J. COMBS	3 4
COMPTON	1582	NEWTON	WHITE	36 06	93 18	895	C		MID		5		WILLIAM L. BINAM	3 4
CONWAY	1596	FAULKNER	ARKANSAS	35 05	92 27	309	C	5P	5P	64	64		G. Y. SHORT	2 3 5
CORNING	1632	CLAY	WHITE	36 24	90 35	293	C	7A	7A	54	54		MRS. LAURA POLK	2 3 4 5
COTTER	1640	MARION	WHITE	36 14	92 31	440	C		8A		20		O. B. MC SPADEN	3 7
COVE	1666	POLK	RED	34 26	94 25	1050	C		7A		8		WILLIAM M. RAYMOND	3
CROSSSETT	1730	ASHLEY	OUACHITA	33 02	91 56	175	C	5P	5P	25	35		U. S. FOREST SERVICE	2 3 5
CRYSTAL VALLEY	1750	PULASKI	ARKANSAS	34 42	92 26	350	C		7A		4		VIRGO BYRO	3
CULPEPPER	1756	VAN BUREN	WHITE	35 30	92 33	750	C		7A		6		MRS. LIZZIE THOMPSON	3
CUMMINS FARM	1768	LINCOLN	ARKANSAS	34 08	91 35	176	C	7P	7P	4	4		T. C. COGBILL	2 3 5
DAISY	1814	PIKE	OUACHITA	34 14	93 45	629	C		MID		6		ROBERT T. TEODER	3 4
DANVILLE	1834	YELL	ARKANSAS	35 03	93 24	370	C		7A		32		J. A. MOUOY	3 7
DARDANELLE	1838	YELL	ARKANSAS	35 13	93 09	330	C		7A		62		GEORGE N. GOODIER	2 3 5 7
DE QUEEN	1948	SEVIER	RED	34 02	94 21	426	C	6P	6P	14	14		L. D. MC COWN	2 3 5
DENVER	1956	CARROLL	WHITE	36 23	93 18	1028	C		MIO		14		CLARENCE E. COLLINS	3 4
DERMOTT	1960	CHICOT	MISSISSIPPI	33 31	91 26	140	C		8A		8		L. W. WILSON	3
DES ARC	1968	PRAIRIE	WHITE	34 58	91 30	204	C	7A	7A	12	12		C. J. RISTER	2 3 5
DEVILS KNOB	1982	JOHNSON	ARKANSAS	35 43	93 24	2350	C	5P	5P	11	11		ARCHIE BRADLEY	2 3 5
DUMAS 1	2148	DESHA	MISSISSIPPI	33 53	91 30	162	C	7P	7P	41	41		BEN JOHNSON	2 3 5
DUMAS 2	2150	DESHA	MISSISSIPPI	33 53	91 30	-	C		MID		5		BETTY R. HOLMES	3 4
DURHAM	2176	WASHINGTON	WHITE	35 57	93 59	1243	C		MID		8		ANNIE A. WHITE	3 4
EAGLE GAP	2204	SCOTT	ARKANSAS	34 43	94 19	1150	C		8A		21		MRS. MINA C. RABB	3
EL DORADO	2300	UNION	OUACHITA	33 13	92 40	278	C	7A	7A	47	47		AYLMER H. MC BRIOE	2 3 5
ELKINS	2315	WASHINGTON	WHITE	36 04	93 40	1364	C	6	6	0	0		HERBERT S. CLARK	2 3 5
EUREKA SPRINGS	2356	CARROLL	WHITE	36 24	93 45	1465	C	6P	6P	46	46		GEORGE W. NICHOLDS	2 3 5
EVENING SHADE	2366	SHARP	WHITE	36 05	91 37	490	C		7A		8		OPHA WOLFE	3
FAYETTEVILLE	2442	WASHINGTON	WHITE	36 05	94 10	1370	C	7P	7P	10	10		CHARLES F. FORO	2 3 5
FAYETTEVILLE EXP. STN.	2444	WASHINGTON	WHITE	36 06	94 10	1412	C	5P	5P	60	60		UNIV. OF ARKANSAS	2 3 5
FORDYCE	2540	OALLAS	OUACHITA	33 42	92 22	280	C	5P	5P	16	16		ARK. FOR. COM.	2 3 5
FIDREMAN	2544	LITTLE RIVER	RED	33 43	94 24	400	C		MIO		8		LESLIE P. CALONS	3 4
FIDRESTER	2556	SCOTT	ARKANSAS	34 46	93 49	650	C		7A		7		A. L. MC CRAW	3
FIDRESTER CITY	2564	ST. FRANCIS	ST. FRANCIS	35 02	90 46	260	C		MIO		8		THOMAS A. MOORE	3 4
FORT SMITH WB AP	2574	SEBASTIAN	ARKANSAS	35 20	94 22	458	C	MID	MIO	66	66		U. S. WEATHER BUREAU	2 3 4 5
FORT SMITH WTR PLNT	2578	CRAWFORD	ARKANSAS	35 39	94 09	793	C		7A		10		R. J. SCHOEPE	3
FOUNTAIN HILL	2598	ASHLEY	OUACHITA	33 21	91 50	175	C		8A		5		JETHRO R. OENSON	3

STATION INDEX -- Continued

AREA 8
OCTOBER 18

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT.	LONG.	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLE
							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
FULTON	2670	HEMPSTEAD	RED	33 37	93 48	250	C		8A		62		INA J. LOGAN	3 7
GARLAND	2710	MILLER	RED	33 21	93 42	230	C		7A		4		L. D. DENNEY	3
GEORGETOWN	2760	WHITE	WHITE	35 07	91 26	200	C		7A		35		J. S. MC DONALD	3 7
GLBERT	2794	SEARCY	WHITE	35 59	92 43	1325	C	7A	7A	22	22		PAUL M. JORDAN	2 3 4 5 7
GLENWOOD	2842	PIKE	OUACHITA	34 20	93 33	547	C		8A		13		CHARLES A. PRICE	3 7
GRANNIS	2908	POLK	RED	34 14	94 20	920	C	7A	7A	22	22		W. E. MC VAY	2 3 5
GRAVELLY	2922	YELL	ARKANSAS	34 53	93 41	498	C		7A		8		HAROLD L. FRIZZELL	3
GRAVETTE	2930	BENTON	ARKANSAS	36 36	94 32	1250	C	6P	6P	50	50		J. A. SCHMIDT	2 3 5
GREEN FOREST	2946	CARROLL	WHITE	36 20	93 26	1350	C		7A		8		OBEDE B. WILSON	3
GREEN MOUNTAIN	2952	STONE	WHITE	36 02	92 12	1100	C	5P	5P	10	10		U. S. FOREST SERVICE	2 3 5
GREENBRIER	2962	FAULKNER	ARKANSAS	35 14	92 14	360	C		7A		5		J. O. CANTRELL	3
GREENWOOD	2976	SEBASTIAN	ARKANSAS	35 13	94 15	518	C		7A		8		DOROTHY M. BEEN	3
GURDON	3074	CLARK	OUACHITA	33 54	93 09	210	C		7A		0		ROY S. ROBBES	3
HAMPTON	3098	CALHOUN	OUACHITA	33 32	92 28	202	C		7A				BILL S. WATSON	3
HARDY	3132	SHARP	WHITE	36 19	91 29	362	C		MID		8		T. B. DONALDSON	3 4
HARRISBURG	3160	POINSETT	ST. FRANCIS	35 34	90 44	280	C		MID		7		JOHN D. MAY	3 4
HARRISON	3164	BOONE	WHITE	36 14	93 07	1052	C	6P	6P	47	47		R. C. BEENE	2 3 4 5
HEBER SPRINGS 3 MI. S.W.	3230	CLEBURNE	WHITE	35 28	92 03	-	C		MID		6		WAYNE STARK	3 4
HECTOR	3235	POPE	ARKANSAS	35 28	92 58	555	C		7A		0		NETTIE R. ALTER	3
HELENA	3242	PHILLIPS	MISSISSIPPI	34 32	90 35	200	C	7A	7A	75	75		JAMES A. BURNETT	2 3 5 7
HENDERSON	3258	BAXTER	WHITE	36 22	92 14	498	C		6P		7		DAISY A. PORTER	3
HILLEMANN	3354	WOODRUFF	WHITE	35 08	91 05	231	C		6P		5		JOHN B. MAULDIN	3 3 5 6
HOPE	3428	HEMPSTEAD	RED	33 43	93 33	375	C	7A	7A	77	77		UNIV. OF ARKANSAS	2 3 5 6
HOPPER	3438	MONTGOMERY	OUACHITA	34 22	93 41	700	C		7A		0		MRS. LONA A. SHIELDS	3
HORATIO	3442	SEVIER	RED	33 56	94 22	337	C		6A		2		ELIZABETH W. FRIDAY	3
HOT SPRINGS NATL. PARK	3466	GARLAND	OUACHITA	34 31	93 03	630	C	7A	7A	55	55		NATIONAL PARK SERVICE	2 3 5
HUNTSVILLE	3510	MADISON	WHITE	36 05	93 44	1453	C		MID		8		MRS. MAY P. MARKELY	3 4
HUTTIG DAM	3556	UNION	OUACHITA	33 02	92 05	60	C		8A				CORPS OF ENGINEERS	3 4
ICELEDO	3570	NEWTON	WHITE	35 52	92 59	1365	C		5P		4		LOY E. HILL	3
INDEX	3584	LITTLE RIVER	RED	33 35	94 03	300	C		8A		23		W. E. MC DOWELL	3 7
JASPER	3600	NEWTON	WHITE	36 01	93 11	857	C		7A				MRS. LETTIE D. DAVIS	3
JONESBORO	3734	CRAIGHEAD	WHITE	35 50	93 42	345	C	7A	7A	52	52		BENEDICTINE SISTERS	2 3 5
KEO	3862	LONOKE	ARKANSAS	34 36	92 00	230	C	7P	7P				R. A. WALLER	2 3 5
KINGSLAND	3904	CLEVELAND	OUACHITA	33 50	92 16	214	C		MID		5		CLAUDIE W. HUNTER	3 4
LAKE CITY	3998	CRAIGHEAD	ST. FRANCIS	35 49	90 26	230	C		4P		8		TRESSA ST. CLAIR	3
LAKE LEATHERWOOD	4006	CARROLL	WHITE	36 27	93 46	-	C		MID		3		CECIL E. MABERRY	3 4
LANGLEY	4060	PIKE	OUACHITA	34 19	93 50	-	C		7P		4		MRS. J. A. JONES	3
LEAD HILL	4106	BOONE	WHITE	36 24	92 54	650	C	7P	7P	42	42		F. W. KELLOGG	2 3 5
LEE CREEK	4116	CRAWFORD	ARKANSAS	35 42	94 19	1000	C		7A		2		ORPHA W. COOKSEY	3
LEOLA	4134	GRANT	OUACHITA	34 10	92 35	261	C		7A		5		J. R. RHODES	3
LITTLE ROCK WB AIRPORT	4248	PULASKI	ARKANSAS	34 44	92 14	257	C	MID	MID	68	68		U. S. WEATHER BUREAU	2 3 4 5 7
LITTLE ROCK FILT. PLANT	4250	PULASKI	ARKANSAS	34 46	92 19	512	C		MID				L. R. WATER WORKS	3
LOCK AND DAM NO. 3	4256	INDEPENDENCE	WHITE	35 51	91 51	370	C		7A				ED ANSEL	3
LOST CORNERS	4324	POPE	WHITE	35 34	92 50	1550	C		7A				CATH. T. RUSSELL	3
LOUANN	4332	OUACHITA	OUACHITA	33 24	92 48	132	C		6P		4		CHARLES S. CURRAN	3
LURTON	4386	NEWTON	WHITE	35 46	93 05	2007	C		8A				I. C. SUTTON	3
LUTHERVILLE	4390	JOHNSON	ARKANSAS	35 29	93 15	775	C	6P	6P	51	51		MRS. H. G. LENHARDT	2 3 5
MADISON	4528	ST. FRANCIS	ST. FRANCIS	35 00	90 43	215	C		7A		17		J. W. EPPES	3 7
MAGNOLIA	4548	COLUMBIA	RED	33 17	93 14	315	C	6P	6P	31	31		STATE AGRI. SCHOOL	2 3 4 5
MALVERN	4562	HOT SPRINGS	OUACHITA	34 22	92 49	311	C		8A	52	52		JODIE W. MC MULLEN	3
MAMMOTH SPRING	4572	FULTON	WHITE	36 29	91 32	600	C	8A	8A	43	43		CATHERINE S. COX	2 3 5
MARIANNA	4638	LEE	ST. FRANCIS	34 44	90 49	234	C	8A	8A	36	36		UNIV. OF ARKANSAS	2 3 4 5
MARKED TREE	4654	POINSETT	ST. FRANCIS	35 32	90 25	229	C	7A	7A	43	43		CHARLES WALTON	2 3 5 7
MARSHALL	4666	SEARCY	WHITE	35 55	92 43	1050	C	6P	6P	29	29		MRS. MINNIE HORTON	2 3 5
MARVELL	4678	PHILLIPS	WHITE	34 33	90 55	195	C		8A				J. D. LOWRIE	3
MAUMEE	4696	SEARCY	WHITE	36 03	92 39	749	C		MID		8		NADINE F. DAVENPORT	3 4
MELBOURNE	4746	IZARD	WHITE	36 04	91 54	610	C		7A		3		WALTER E. HALL	3
MENA	4756	POLK	OUACHITA	34 35	94 15	1207	C	7A	7A	59	59		E. W. ST. JOHN	2 3 4 5
MONTICELLO	4900	DREW	OUACHITA	33 35	91 50	250	C	MID	MID	7	7		AIRWAY OBSERVER	2 3 4 5
MONTROSE	4906	ASHLEY	OUACHITA	33 18	91 29	125	C		MID		5		JAMES L. ALSOBROOK	3 4
MOROBAY LOCK AND DAM	4934	CALHOUN	OUACHITA	33 19	92 27	85	C		6P		8		CORPS OF ENGINEERS	3 4
MORRILTON	4938	CONWAY	ARKANSAS	35 08	92 44	328	C	7A	7A	31	31		L. A. DICUS	2 3 5 7
MOUNT IDA 1	4988	MONTGOMERY	OUACHITA	34 33	93 37	702	C	6P	6P	48	48		J. S. WHITTINGTON	2 3 5
MOUNT IDA 2	4990	MONTGOMERY	OUACHITA	34 33	93 37	-	C		MID		4		JOHN WALLBRITTON	3
MOUNTAIN HOME	5036	BAXTER	WHITE	36 20	92 30	800	C	7P	7P	35	35		H. N. HALBERT	2 3 4 5
MOUNTAIN VIEW	5046	STONE	WHITE	35 52	92 07	768	C		7A		8		W. D. WORTHINGTON	3
MOUNTAINBURG	5056	CRAWFORD	ARKANSAS	35 38	94 10	736	C		6P		10		C. A. LOVELL	3
MULBERRY	5072	FRANKLIN	ARKANSAS	35 34	94 01	500	C		7A				HENRY G. ARVIN	3
MURFREESBORO	5078	PIKE	OUACHITA	34 04	93 41	367	C		MID		8		ERNEST J. BABBITT	3 4
NASHVILLE	5112	HOWARD	RED	33 58	93 51	350	C	7P	7P	9	9		BRICE CARRUTH	2 3 5
NASHVILLE S C S	5114	HOWARD	RED	33 57	93 51	373	C		MID		4		SOIL CONSER. SERVICE	3 4
NEWHOPE	5174	PIKE	OUACHITA	34 14	93 50	850	C		7A		8		FLOYD WORD	3
NEWPORT	5186	JACKSON	WHITE	35 36	91 17	225	C	7A	7A	64	64		WILLIS T. MOYER	2 3 5 7
NIMROD DAM	5200	PERRY	ARKANSAS	34 57	93 10	470	C	8A	8A	6	6		CORPS OF ENGINEERS	2 3 4 5 6
NORFOLK DAM	5228	BAXTER	WHITE	36 15	92 15	425	C	8A	8A	2	7		CORPS OF ENGINEERS	2 3 4 5 6
ODELL	5354	WASHINGTON	ARKANSAS	35 48	94 24	1500	C		7A				MRS. RENZO HURST	3
ODEN	5358	MONTGOMERY	OUACHITA	34 38	93 48	800	C		MID		20		U. S. FOREST SERVICE	3
OKAY	5376	HOWARD	RED	33 44	93 56	300	C	5P	5P	19	19		J. T. HARGIS	2 3 5
OSCEOLA	5480	MISSISSIPPI	MISSISSIPPI	35 43	89 58	250	C		8A		47		C. E. CARTER	3
OWENSVILLE	5498	SALINE	OUACHITA	34 27	92 49	500	C		8A		4		GUY COOK	3
OZARK	5508	FRANKLIN	ARKANSAS	35 29	93 50	396	C	6A	6A	52	52		ORKNEY D. MILTON	2 3 5 7
PARAGOULD	5562	GREEN	ST. FRANCIS	36 04	90 29	275	C	4P	4P	24	24		KDRS	2 3 5
PARKIN	5586	CROSS	ST. FRANCIS	35 16	90 35	222	C		7A		17		CARROLL KING	3 7
PERRYVILLE	5694	PERRY	ARKANSAS	35 00	92 49	325	C	6P	6P	8	8		PAULINE BENNETT	2 3 5
PINE BLUFF	5754	JEFFERSON	ARKANSAS	34 12	92 00	215	C	7A	7A	60	60		MARY T. SCHEU	2 3 5 7
PINE BLUFF CAA	5756	JEFFERSON	ARKANSAS	34 10	91 56	215	C	MID	MID				CAA	3 4
PINE RIDGE	5760	MONTGOMERY	OUACHITA	34 35	93 54	840	C		7A		23		J. R. HUDDLESTON	3
POCAHONTAS	5820	RANDOLPH	WHITE	36 16	90 59	330	C	5P	5P	54	54		BENEDICTINE SISTERS	2 3 5
PORTLAND	5866	ASHLEY	OUACHITA	33 14	91 30	122	C	7A	7A	41	41		MRS. PEARL NEWTON	2 3 5

STATION INDEX — Continued

ARKANSAS
OCTOBER 1948

STATION	INDEX NO.	COUNTY	DRAINAGE	O LAT.	O LONG.	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
PRESCOTT PRESCOTT S C S PYATT RATCLIFF RAVANA	5908 5910 5970 6008 6016	NEVADA NEVADA MARION LDGAN MILLER	DUACHITA DUACHITA WHITE ARKANSAS RED	33 48 33 48 36 16 35 18 33 04	93 23 93 23 92 51 93 53 94 02	318 - 800 463 250	C C C C C	7A - - - -	7A MID MID 7A MID	59 - - - -	59 - - - -	- - - - -	R. P. HAMBY W. L. MC LEAN DNA V. MC LEAN LULA MAE WEEKS ARNICE O. TAYLOR	2 3 5 3 4 3 4 3 3 4
RED STAR REMEL DAM RISON ROCKHOUSE ROGERS	6078 6102 6174 6214 6248	MADISON HDT SPRING CLEVELAND MADISON BENTON	WHITE DUACHITA DUACHITA WHITE WHITE	35 51 34 26 33 48 36 17 36 18	93 31 92 54 92 11 93 40 94 02	2250 - 231 1214 1387	C C C C C	7A - - - 6P	7A MID 8A 7A 6P	59 - - - 57	59 - - - 57	- - - - -	ORVAL F. CALDWAY ARK. P. & L. CO. J. H. YANEY CLAUDE D. SISCO HOWARD FOWLER	CLOSED 10/4/48 3 4 3 2 2 3 5
RUSSELLVILLE SAINT CHARLES SAINT FRANCIS SAINT FRANCIS LAKE SEARCY	6352 6376 6380 6382 6506	PDPE ARKANSAS CLAY CLAY WHITE	ARKANSAS WHITE ST. FRANCIS ST. FRANCIS WHITE	35 18 34 23 36 27 35 15	93 08 91 08 90 08 91 44	360 200 300 245	C C C C C	5P 8A - - 7P	5P 8A 7A 7A 7P	35 14 - - 37	35 14 - - 37	- - - - -	U. S. FOREST SERVICE U. S. BIDL. SURVEY WILLIAM S. BUCKLEY CHARLES W. WALTON ARTHUR D. SMITH	2 3 5 6 2 3 5 3 7 7 2 3 5
SHERIDAN SHIRLEY SILDAM SPRINGS SMITHVILLE STAR CITY	6566 6586 6624 6698 6820	GRANT VAN BUREN BENTON LAWRENCE LINCOLN	DUACHITA WHITE WHITE WHITE DUACHITA	34 27 35 38 36 11 36 05 33 57	92 21 92 17 94 33 91 18 91 50	290 600 1150 450 250	C C C C C	6P - 6P - -	6P 6P 6P MID MID	7 - 7 - -	7 - 7 2 5	- - - - -	ARK. FORESTRY COM. MAUD H. BRADFORD JOHN BROWN UNIVERSITY NORA F. RUDY R. A. GOYEN	2 3 5 3 2 3 5 3 4 3
STEVE STORY STUTTGART STUTTGART 9 MI. ESE. SUBIACO	6856 6890 6918 6920 6928	YELL MONTGOMERY ARKANSAS ARKANSAS LOGAN	ARKANSAS DUACHITA ARKANSAS ARKANSAS ARKANSAS	34 53 34 42 34 29 34 28 35 18	93 19 93 31 91 32 91 25 93 39	682 650 214 198 500	C C C C C	- - 7A 7A 7P	7A 7A 7A 7A 7P	- - 60 12 49	- - 60 12 49	- - - - -	T. P. SIMS S. C. STORV GEORGE L. CLARK UNIV. OF ARKANSAS NEW SUBIACD ABBEY	3 3 2 3 5 2 3 4 5 6 2 3 5
SUGAR GROVE SUGAR LDF MOUNTAIN TAYLOR TEXARKANA WB AIRPORT TINSMAN	6940 6944 7038 7048 7118	LDGAN CLEBURNE COLUMBIA MILLER CALHOUN	ARKANSAS WHITE RED RED DUACHITA	35 04 35 29 33 06 33 27 33 38	93 48 91 58 93 27 94 00 92 21	500 300 247 368 170	C C C C C	- - - MID -	9A 7A 6P MID 7A	- - - 63 5	- - - 63 5	- - - - -	D. R. FENNELL SANTFRED REYNOLDS FANCY M. NORDWOLD U. S. WEATHER BUREAU HENRY S. SPEER	3 3 3 2 3 4 5 3
TURNPIKE VAN BUREN VICK VIDLA WALDRON	7262 7370 7420 7450 7488	PDPE CRAWFORD BRAOLEY FULTON SCOTT	ARKANSAS ARKANSAS DUACHITA WHITE ARKANSAS	35 40 35 26 33 19 36 24 34 54	93 05 94 21 92 09 91 59 94 06	2087 - 115 692 675	C C C C C	6P - - - 5P	6P - 6P 7A 5P	23 - - - 28	23 - - - 28	- - - - -	U. S. FOREST SERVICE BEN CORNELIUS WILLARD K. SHARP A. F. KING WILLIAM D. BIVENS	2 3 5 7 3 3 2 3 4 5
WALNUT GROVE WARREN WEDINGTON LAKE WEST FDRK WHEELING	7524 7582 7638 7694 7744	INDEPENDENCE BRADLEY WASHINGTON WASHINGTON FULTON	WHITE DUACHITA ARKANSAS WHITE WHITE	35 51 33 36 36 06 35 55 36 19	91 21 92 04 94 23 94 11 91 52	250 206 1150 1340 680	C C C C C	6P - - - -	6P 6P MID MID MID	53 53 3 8 8	53 53 3 8 8	- - - - -	A. H. FAST C. N. TURNER HARRY E. BIRKINSHAW MRS. E. C. THRELKELD THOMAS W. CONE	3 2 3 5 3 4 3 4 3 4
WHITECLIFFS WHITE ROCK WILSON WINFREY WING	7812 7772 7912 7936 7950	LITTLE RIVER FRANKLIN MISSISSIPPI CRAWFORD YELL	RED ARKANSAS MISSISSIPPI ARKANSAS ARKANSAS	33 48 35 41 35 34 35 44 34 57	94 03 93 57 90 02 94 06 93 28	290 2285 237 1152 350	C C C C C	5P 7A - - -	7A 5P 7A MID MID	11 11 22 8 8	11 11 22 8 8	- - - - -	L. M. SNEAD U. S. FOREST SERVICE D. S. ANDERSON CLYDE F. MEADORS MILES B. TURNER	3 7 2 3 5 2 3 5 3 4 3 4
WYNNE YELLVILLE NATHAN 4 MI. N.W. PARHENDON BLUFF CITY	8052 8084 5158 5602 0800	CRDSS MARION HOWARD NEWTN NEVADA	ST. FRANCIS WHITE DUACHITA ARKANSAS DUACHITA	35 13 36 13 34 07 35 57 33 41	90 46 92 41 93 52 93 15 93 09	260 900 550 925 360	C C C C C	6P - - - -	6P 7A 7A MID 7A	39 3 0 8 -	39 3 0 8 -	- - - - -	P. G. QUEENSBERRY L. E. JOHNSON EDNA J. WESTFALL ARTHUR B. CARLTON R. P. PLYLER	2 3 5 3 3 3 4 3
JESSIEVILLE SPARKMAN MOUNT MAGAZINE BUFFALO TOWER	3704 6768 - 1010	GARLAND OALLAS LDGAN NEWTN	DUACHITA DUACHITA ARKANSAS -	33 42 33 55 35 10 33 52	93 04 92 48 93 41 93 30	730 260 2800 -	C C C C	- - 7P -	7A 6P 7P 7A	9 5 0 -	9 5 0 -	- - - -	MRS. VELMA R. DUNN MRS. RACHEL M. BUTLER U. S. FOREST SERVICE MISS BEULAH FRIEND	3 3 2 3 5 3

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late for inclusion in this issue.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

When hourly precipitation is missing for several days, only the first and last days are shown in Table 4.

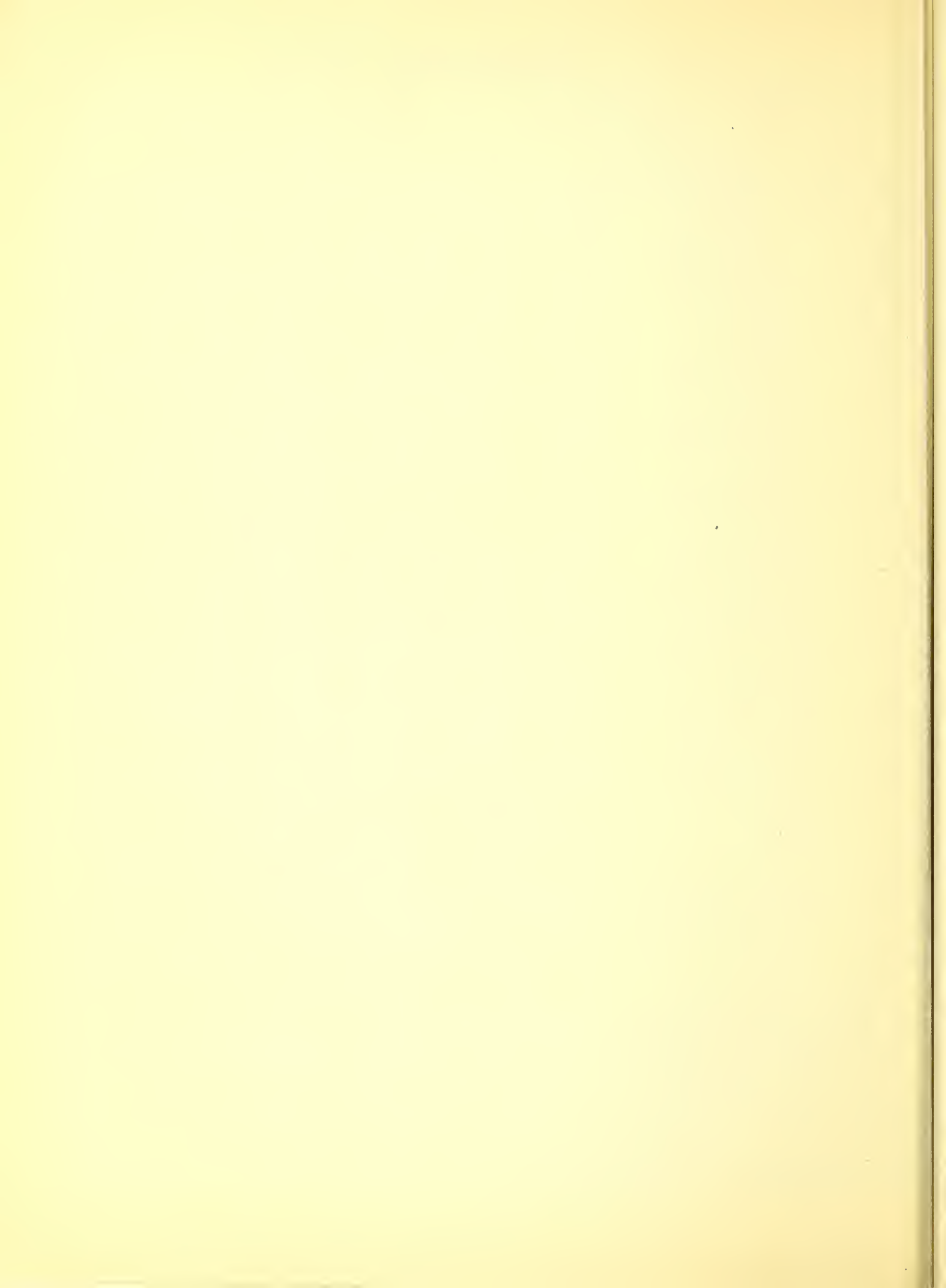
When hourly precipitation is accumulated over a period of 3 or more calendar days, with unknown hourly or daily distribution, the first and last days are shown in Table 4.

- No record.
- + And also on later dates.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- 6 Precipitation measured at 6-hourly intervals, no recording gage.
- AR This entry in time of observation column in Station Index means "after rain".
- B Adjusted to a full month.
- E Water-equivalent of snowfall wholly or partially estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; see Table 5 for detailed daily record.
- R Station equipped with recording gage only. All amounts in Table 3 are for the non-recording gages, except for stations with this reference.
- T Trace, an amount too small to measure.
- Z Hourly amounts from recording gage at the same site may be found in Table 4.

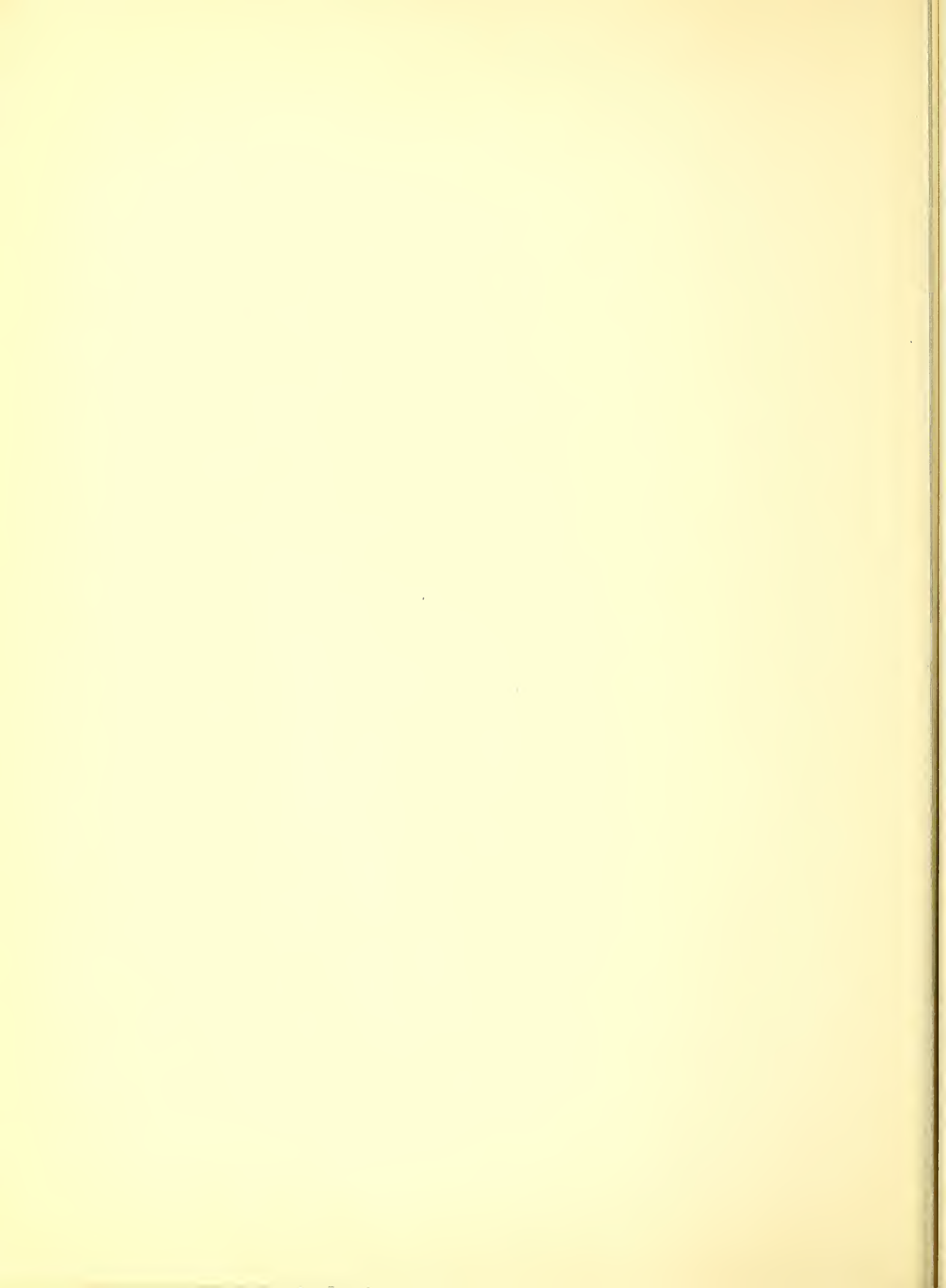
Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, river stages in feet, and wind movement in miles.

Data in Table 4 were formerly published in the Hydrologic Bulletin for Lower Mississippi - West Gulf. Amounts in this table are from recording gages. Traces are not shown.

Subscription Price: 15 cents per copy; \$1.50 a year. (Yearly subscription includes Annual Summary). Correspondence regarding subscriptions should be addressed to the Weather Records Processing Center, Room 9, U. S. Court House, Fort Worth 2, Texas.







U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ARKANSAS

NOVEMBER 1948

Volume LIII No. 11



Walter C. Hickmon, Section Director - Little Rock

GENERAL SUMMARY

The movement of Pressure Systems was greatly accelerated during the month, with the weight of the cooling air moving southward from the northern portions of the continent. Numerous LOWS passed either over Arkansas, or adjacent states giving rapid weather changes, and the usual features of such changes.

November, 1948 was the 9th wettest November of record (58 years); tied with 1947 for the greatest number of raining days; tied with 1927 for the 3rd heaviest monthly snowfall.

Numerous thunderstorms were reported during the month, with considerable damage being reported on the 4th and 5th, and again on the 18th. Damage is estimated at \$130,000.00 for the general thunderstorms of the 4th and 5th, and \$10,000 for the thunderstorms over Columbia County on the 18th.

The storm damage of the 4th and 5th is distributed as follows: \$30,000 damage to planes and hangars at Searcy; \$60,000 hail and wind damage to homes, business houses, greenhouses, and vulnerable personal property at Arkadelphia; the remaining \$40,000 damage was scattered over the State, and consisted of broken windows, damaged roofs, and utility damage.

Harvest of the few remaining crops in the fields was delayed slightly by the numerous rains, but no serious loss was reported. Generally, the 1949 crop-year was given a great boost by the storage of sub-soil moisture from the unusually heavy rains of the month, especially over the Alluvial sections.

Due to the fact that the soil was relatively dry, and also the rains being well distributed over the month, no floods on the main rivers of the State were reported.

TEMPERATURE

The November, 1948 average temperature was just about normal with 50.9°, as compared with the 58-year average of 51.3°. There were no radical extremes during the month, and the highest daily temperature reported was 85° at Portland on the 5th; Lead Hill reported the lowest with 13° on the 23rd. Portland also reported the highest average for the month, with 56.3°. Mammoth Spring continues to report the lowest monthly average with 45.8°.

PRECIPITATION

November, 1948, average precipitation was 1.90 inches above the 58-year average, with 5.78 inches. Even with this excess for the State as a whole, about one-fourth of the State was considerably below the 58-year average. The driest counties were the two western tiers of counties extending from Benton and Carroll Counties, southward to Montgomery and Polk Counties.

The least November fall was 0.30 inch reported by Clarksville in Johnson County; the greatest was 12.72 inches at Hampton in Calhoun County. The Alluvial sections of the State received the bulk of the rain, and the southwest portion of the State was the center of this more than double the average rainfall. The greatest 24-hour fall was 4.34 at Boughton on the 2nd.

The average number of days with measureable precipitation was eleven for this November. This figure ties with the 1911 record for first place. Many stations reported they had measurable precipitation on more than half the days of the month.

The first general snowstorm of the winter occurred on the 28th and gave most of the northern half of the State some snow. Marshall reported the heaviest single fall with 7 inches on the 28th; and the greatest monthly total, with 9 inches. The relatively high temperatures at the end of the month finished off the snow rather quickly.

There were 40 reports of sleet on 9 different days; no damage reported. Hail was reported on 7 different days for a total of 27 instances. No crop damage was reported due to season, but considerable other damage was reported on the 4th-5th, as noted in the General Summary.

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nation-wide net of rain gages--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

ARKANSAS
NOVEMBER 1948

STATIONS	SEA LEVEL PRESSURE EXTREMES—INCHES				WIND				RELATIVE HUMIDITY AVERAGES				SUN- SHINE	DEGREE DAYS 65° BASE
	HIGHEST	DATE	LOWEST	DATE	AVERAGE SPEED M.P.H.	MAXIMUM SPEED M.P.H.	DIRECTION	DATE	1:30A EST	7:30A EST	1:30P EST	7:30P EST	PERCENT OF POSSIBLE	
FORT SMITH WB AP	30.32	13	29.30	4	8.7	33	W	19	76	81	58	55	54	444
LITTLE ROCK WB AP	30.37	11	29.41	4	8.3	30	SE	1	81	84	64	70	52	387
TEXARKANA WB AP	30.34	13	29.41	4	-	34	W	19	75	86	57	60	-	354

TABLE 1
COMPARATIVE DATA

YEAR	TEMPERATURE			PRECIPITATION			YEAR	TEMPERATURE			PRECIPITATION		
	MEAN	HIGHEST	LOWEST	AVERAGE	AVERAGE SNOWFALL	DAYS WITH .01 OR MORE		MEAN	HIGHEST	LOWEST	AVERAGE	AVERAGE SNOWFALL	DAYS WITH .01 OR MORE
1891	49.7	87	10	5.56	-	8	1921	54.9	88	17	5.53	1.	7
1892	49.9	79	20	5.83	1.2	9	1922	52.9	88	20	3.89	0.0	6
1893	49.3	84	10	4.21	0.0	5	1923	50.8	81	21	3.34	0.3	6
1894	50.4	81	12	1.12	T.	2	1924	53.4	88	15	2.36	T.	4
1895	49.9	82	16	4.82	0.1	6	1925	50.4	89	15	5.67	T.	8
1896	52.8	88	8	4.34	0.1	7	1926	47.2	81	10	3.33	0.7	6
1897	51.6	88	15	2.82	T.	6	1927	56.7	96	20	3.67	0.1	6
1898	47.5	87	9	3.20	T.	4	1928	50.2	82	13	4.25	T.	8
1899	54.3	87	17	2.61	T.	6	1929	46.1	85	7	2.61	2.	8
1900	51.4	90	18	4.28	T.	6	1930	50.5	87	16	4.15	T.	7
1901	50.5	88	15	2.99	0.0	5	1931	57.6	88	18	6.34	T.	9
1902	56.5	90	18	6.66	T.	9	1932	46.7	82	9	1.98	0.	6
1903	47.6	89	2	0.64	0.1	3	1933	53.0	85	20	1.86	T.	6
1904	51.4	89	17	1.38	T.	3	1934	54.0	88	20	6.89	0.	6
1905	53.2	88	9	3.28	T.	5	1935	49.8	89	16	3.81	T.	9
1906	50.2	88	13	5.90	0.1	6	1936	48.5	87	12	3.00	0.2	5
1907	49.0	84	10	5.71	T.	6	1937	48.3	90	6	4.99	0.5	8
1908	53.8	88	5	5.40	T.	8	1938	50.7	89	8	5.26	0.1	5
1909	59.3	90	16	3.75	0.0	7	1939	48.8	87	14	3.39	T.	7
1910	51.5	85	17	0.47	0.0	3	1940	49.3	82	3	5.93	T.	9
1911	46.8	86	5	3.18	0.2	7	1941	49.9	87	18	2.31	T.	6
1912	50.5	89	13	1.66	T.	2	1942	54.5	88	18	3.83	T.	8
1913	57.6	85	20	2.47	0.0	5	1943	49.7	88	15	1.10	T.	3
1914	52.6	88	11	2.32	T.	4	1944	52.7	87	17	4.70	0.1	7
1915	54.8	88	17	5.40	0.1	6	1945	53.5	88	14	3.97	T.	8
1916	52.1	87	10	2.95	T.	5	1946	53.6	85	17	9.09	0.0	10
1917	50.7	85	11	1.96	T.	4	1947	47.7	82	17	5.06	T.	11
1918	49.7	88	18	3.91	0.1	6	1948	50.9	85	13	5.78	0.7	11
1919	51.4	86	14	6.27	T.	7							
1920	47.8	89	10	1.95	T.	5	PERIOD	51.3	96	2	3.88	7.1	6

CLIMATOLOGICAL DATA

ARKANSAS
NOVEMBER 1931

Station	Temperature						Precipitation										
	Average	Departure from Normal	Highest	Date	Lowest	Date	No. of Days		Total	Departure from Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days	
							Max. 90° or above	Min. 32° or below					Total	Max. Depth on Ground	Date	.01 or more	.25 or more
ALBANY	51.3M	-0.6	76	16	27	30			6.97	1.70	1.30	2	.0			11	8
ALBANY	51.3M	-2.6	76	4	24	30			8.12	4.27	1.70	5+	.0			13	6
ALBANY	51.3M		76	4	25	9	0	10	3.90		1.49	15	.0			9	4
ALBANY	51.3M	1.5	76	4	25	30	0	8	6.13		1.69	18	.1			13	7
ALBANY	51.3M		75	5+	21	23	0	14	3.35		.72	19	.1			14	5
ALBANY	50.7	-0.1	77	4	24	30	0	10	6.06	2.53	1.53	19	.1			11	
ALBANY	51.3	-3.2	76	4+	20	29	0	13	8.84		2.43	4+	.0			14	9
ALBANY	46.1	1.2	81	1	14	29	0	17	3.03	-0.25	.79	1	5.5	5	28	12	4
ALBANY	48.8		78	17	19	30	0	17	4.93		1.64	2	.1			9	
ALBANY	51.5	1.3	80	5	20	25	0	5	7.68	4.32	1.60	19	.0			14	7
ALBANY	54.4M	2.5	84	1	18	23	0	9	1.02		.34	29	.1			8	
ALBANY	51.3		78	4	24	30	0	7	6.89	2.87	1.58	1	.0			13	9
ALBANY	50.3	1.1	79	5	25	30	0	7	6.60	3.11	1.58	19	1.0	T	29	15	7
ALBANY	54.1	0.9	83	12	23	30	0	9	8.67	4.46	2.25	16	.0			15	
ALBANY	51.7		79	4	25	30	0	7	8.80		2.10	16	.0			11	10
ALBANY	49.4	-2.3	78	5+	24	30	0	13	3.18	-0.30	1.08	2	.0			6	5
ALBANY	51.6	-1.0	81	4	24	29+	0	10	3.26	-0.84	1.42	16	.0			9	
ALBANY	51.0		76	5	26	29+	0	7	7.10		1.96	5	.0			11	9
ALBANY	50.8M																
ALBANY	53.3	-0.2	82	4	27	30	0	3	10.60	6.37	2.72	16	.0			13	11
ALBANY	54.2M	-0.9	83	1+	27	30	0	5	7.93	3.15	1.85	16	.1			14	
ALBANY	50.0	0.1	76	4	21	23+	0	7	2.67	-0.56	.78	2+	4.0	T	28	6	4
ALBANY	49.4		77	4	19	23+	0	11	2.11		.66	28	3.0	T	28	10	4
ALBANY	49.7	0.4	76	4	17	29	0	11	2.47	-0.58	1.02	2	.7	T	19+	9	4
ALBANY	55.1	1.7	83	4	30	10+	0	4	9.18	5.17	3.00	16	.0			12	10
ALBANY	50.4	-0.6	82	4	19	23	0	10	1.04	-1.83	3.33	28	.1			7	2
ALBANY	47.0		80	1	16	23+	0	20	3.41	0.52	1.11	2	.1	T	29	12	4
ALBANY	48.7	-2.2	79	4	26	19	0	10	2.62	-2.07	1.14	16	.1			9	4
ALBANY	48.8	0.5	78	4	14	29	0	12	3.79	0.61	2.57	1	3.0			5	3
ALBANY	46.7M		71	15	20	29	0	11	4.58				2.5			7	
ALBANY	49.2	0.8	78	7	15	29	0	18	3.57	0.84	1.80	1	3.0	3	28	5	4
ALBANY	47.5		77	4	18	23+	0	16	4.39		2.53	1	3.5	3	28	8	4
ALBANY	52.2	-0.5	79	5	30	30	0	2	8.99	4.45	1.90	19	.0			15	9
ALBANY	51.5	-1.9	80	4+	26	30	0	6	7.70	3.15	1.90	16	.0			12	8
ALBANY	53.4	-0.4	78	3	30	29	0	3	4.05	-0.27	.96	16	.1			9	6
ALBANY	50.2	-1.7	79	4	27	29+	0	4	8.20	-4.84	3.72	5	.1	T	29+	16	7
ALBANY	53.1		77	3	27	30	0	5	8.48		1.83	5	.0			13	9
ALBANY	47.5M	0.0	77	4	13	23	0	17	4.87	1.49	2.00	1	.1	T	28+	6	6
ALBANY	47.5M	0.4	76	3+	30	30	0	3	7.99	3.81	2.03	4	.1			13	11
ALBANY	51.4	0.6	78	4	24	23+	0	8	3.27	-0.32	.61	9	.1			9	6
ALBANY	55.8	0.8	83	3	28	29	0	4	10.96	6.33	3.45	16	.0			13	11
ALBANY	54.9M		77	4+	26	30	0	5	8.01		1.99	5	.0			13	7
ALBANY	55.8	-2.5	78	1+	19	30	0	22	5.85	2.45	1.71	19	.1			11	
ALBANY					25	30	0	6	6.23	2.86	1.78	19	.0			14	8
ALBANY	50.7	-1.8	80	5	27	30	0	7	4.33	0.25	1.18	19	.0			11	6
ALBANY	50.4	-0.1	78	1	15	29	0	12	5.91	2.32	2.20	5	9.0	4	28	10	
ALBANY	50.3	0.4	80	4	24	29	0	7	2.82	-0.75	.62	2	.1	T	09	11	6
ALBANY	50.6	-0.1	79	4	29	30	0	3	8.72		2.34	21	.0			10	9
ALBANY	50.6		78	5	27	30	0	7	5.55	1.68	1.45	19	.1			11	8
ALBANY	50.7	0.6	78	3+	17	30	0	11	4.10	-0.05	1.20	9	.0			7	5
ALBANY	47.3		67	4	21	29	0	9	2.84		.67	1	5.0	4	28	8	5
ALBANY	48.9	0.3	76	4+	20	23+	0	15	5.00	-1.83	1.70	2	7.0	3	28	10	
ALBANY	51.2M		81	5	25	29+	0	9	4.50		1.34	16	.0			13	7
ALBANY	51.3	0.4	77	4	26	30	0	5	7.90	3.81	3.60	5	.1			16	9
ALBANY	49.7		76	1+	22	30	0	14	3.89		1.25	2	.1			11	7
ALBANY	48.6		79	1	20	23+	0	17	5.93		2.20	2	.0			10	7
ALBANY	48.6M																
ALBANY	48.4	-0.7	82	4	24	30	0	10	4.13	-0.23	1.56	16	.0			10	4
ALBANY	48.4	-2.7	80	5	23	23+	0	11	1.74	-1.34	.38	28	.0			7	5
ALBANY	50.6		80	4	26	30	0	8	7.67	4.36	2.97	5	.1			15	7
ALBANY	50.0	-0.1	78	16	20	28+	0	7	5.93	2.33	1.50	2	.1			10	
ALBANY	54.6	1.3	75	4+	29	29+	0	2	8.74	4.56	1.67	19	.0			15	10
ALBANY	52.9		79	4	28	29+	0	4	8.57		2.16	18	.0			11	9
ALBANY	50.2	0.2	77	4	22	30	0	14	7.28	3.71	1.63	19	.2	T	28	13	8
ALBANY	54.5	2.1	85	5	26	30	0	7	8.66	4.51			.0			14	
ALBANY	51.0	-2.9	78	4+	25	30	0	5	7.62	3.91	1.62	16	.0			13	9
ALBANY	49.0	0.3	79	4	17	30	0	14	2.71	-0.32	1.09	2	5.5	5	28	7	3
ALBANY	52.1	2.0	78	16	23	30	0	9	3.44	-0.33	.95	1	.0			9	6
ALBANY	52.1		80	4	27	30	0	6	7.21		1.77	16+	.0			12	7
ALBANY	52.0	1.1	78	4	26	30	0	8	8.56	4.26	3.70	5	.0			15	10
ALBANY	52.2M		76	4+	25	23	0		9.29		2.25	5	.1			12	
ALBANY	49.2		79	4	15	23+	0	11	4.67		3.11	1	.8	T	19+	8	3
ALBANY	50.6	-1.8	78	4	28	28+	0	4	8.93	4.84			.0			13	
ALBANY	51.5M	0.6	75	5	19	30	0	5	7.16	2.62	1.45	19	.0			14	8
ALBANY	51.4	-0.6	78	4	24	23	0	8	2.81	-0.36	.78	5	.1			7	6
ALBANY	51.7	-1.5	82	4	29	29+	0	1	4.07	0.40	1.08	16	.0			11	6
ALBANY	51.7		80	4	22	29	0	8	5.79	1.70	1.42	5	2.5	1	28	10	7
ALBANY	51.4		80	3+	19		0	14	2.83	-0.72	1.15	1	.1			6	5
ALBANY	51.3		80	8			0	2	10.95	6.79	2.80	16	.0			13	8
ALBANY	51.7M		78	4	26	30	0	10	3.91		1.29	1	.7	T	28+	10	6
ALBANY	52.1M	1.5	75	4	20	28+	0	5	4.98	1.18	.69	18	.0			14	10
ALBANY	50.9	0.8							5.78	1.90							

See reference notes following Station Index.

DAILY PRECIPITATION

ARKA-5A5

NOVEMBER 1948

Table 3

Station		Day of Month																															Total		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
ABBOTT	R	.52	.40			.24				.15	.12		.35																				1.80		
ALICIA	R	1.83	.28			.60				*	.49		.45				1.33	T				*	.21					T		.38	.16			6.09	
ALPINE	Z	1.30	1.30	.90		.43				.65			.50				1.10				.07	T	*	.45				.07	T	*	.45			6.97	
ALUM FORK	R	1.25			.25					.65			.39	.03			.45		.90		.40		.11	.21				.08						3.85	
ALY	R	.36	1.02			1.03				.45			.34				1.84			.43				.25				.08						6.19	
ANTOINE	R	2.41			.35					.20			.42	.11			.28			.24													4.72		
APLIN	Z	.18	1.40	T		1.70				.22	.32		.28	.14			1.70	.06	.01	.97		T	.53			.03	.55	.12	.24				5.18		
APPLETON	R	.03	.70			1.15	.02			.22	.25		.11	.28	T		1.13	.58	.28	2.53			.56	.02			1.03	.20	.53			.14		9.54	
ARSHAD	T				1.12			.20				.45				1.49	T		.06		.08						.02	.27					3.90		
ATHENS	T	.35								.15	.83		.22	T			1.35		.50								.10						3.50		
AUGUSTA	Z	.03	.72	.03		2.68	.04			.05	.60		.06			.05	.19		.08				.93						.03	.40	.20			7.38	
BATESVILLE AIRWAY	Z	.99	.19		.63	.17				.70			.29	.02			.23	.05		.72		.15						.34	.16	.58			6.13		
BATESVILLE LVSTK	Z	.14	1.10			.40				.03	.65		.33	.02			.23	.05		.08		.10						.07	.03	.03	.67			3.35	
BATESVILLE L D 1	R					.80				.60			.32	.03			.10			1.60							.29	.05	.30	.42			6.03		
BEAR CREEK LAKE	R																.53			1.70			.79												
BEATY LAKE	R		.80			.37				.36	.11		*	.33			.62		.52	1.03		.34	.14				T			.55	.08			5.25	
BEAVER	T	.03	.83	.02	T	T	.02			.35	.03		T	.02			T		T	T		.08								.36	.28			2.02	
BEE BRANCH	T	1.20				.56				.82			.34				.73		*	1.53	T	.07					.17			.64			6.06		
BEEBE	R																		*	.64		.79								.48					
BEECH GROVE	R	.02	.45	.35		1.92	.02			.64			.30	.04	T		.10	*	*	1.75	1.50	.50					.50	.36		1.00	T	.56		9.01	
BEEDESVILLE	R	.28				2.19				.55		.27	T				.42	*	.93								T		.06				8.88		
BENTON	R	.14	1.08	T		2.43				.19	.63	.27	.33	.21			1.40	.18	T	.45	T	.49							.42	.83			8.84		
BENTONVILLE	R	.79	.68	.02	.08	.04				.39			*	.11			.04		T	.02	T	.10							.76				3.03		
BERRYVILLE	R	.87	.13		.12					.37			.07				.03	.22	.05						.10				.63				2.49		
BETHESDA	R	1.64				.36				T	.68		.30				.18			.86								.07		.33	.59			4.93	
BIG FLAT	R	.89	2.02	.23		.35				.29	.57		.40				.60			.42	T							1.10		T		.71		5.91	
BIG FORK	R	.09	.65	.44		1.13	T			.01	.55		.16	.06			.55	.07		1.07			.14						*		.26	.14		5.34	
BIG LAKE OUTLET	R	.28	1.17	.09		1.09				.57			*	.27			.55			1.51		.05	.30				.15	T		.27	.35			6.36	
BLACK ROCK	R	.44				.20				.65		.10	.40			.02										.13		.05	.53				2.57		
BLUE MOUNTAIN DAM	R	3.33	1.98			.75				.48		.15	.20				2.60				T	.20							.12	T			9.81		
BLUFF CITY	R	1.54	.70	T		.97	.02			.66	1.05	.05					.50	T		1.60			.16				.02		.01	.18	.22			7.68	
BLYTHEVILLE	Z																																		
BOONEVILLE	R	1.00			.80					.15	.39		.34	.11			.01				T								.01	.26	.23			2.92	
BOONEVILLE 2 S	R	.21	1.34			2.13				.11	.21		.37				.36			.73									.01	.26	.23			3.97	
BOKEINBURG	R	.02	.62	.05		3.79				.07	.63		.25	.06			.41			.66			.55						.39		.25	.29			7.80
BOUGHTON	// Z	.18	1.47			.58				.45	T		.47	.02			.64		.90	.75									.60	.04					
BUFFALO TOWER	T	2.06	.09	.45						.07	.07		.10	.11			.43			T									.02	T	.48			3.88	
SULL SHOALS DAM	R		.15			.61		.95	.60	.45			.64				.05		.05								.04			.39	.10			3.42	
BURDETTE	R	.29	.42			3.45				.54			.43	T			.77		.56	.05		.80								.61			4.17		
CABOT	R	.29	.42			3.45				.54			.43	T			.77		.56	.05		.80								.61			8.31		
CALICO ROCK	R	1.12	1.33	.05		.45				.10	.71		.35				.18			.81									.05	.02	.61			4.60	
CAMDEN 1	R	1.22				.44				.41		.02	.25			1.86	1.30		.91			1.08							.44						
CAMP CHAFFEE	R	.21				.44				.13	.10		.18	.05			.01	T		.22									.45	.40	.03			8.37	
CANAAN	R	1.11	.02		.68					.75			.20				.25										.04	.14		.55	.05			4.01	
CARLISLE	R	1.50	.59			1.85				.38		.50	.28				.93	.71		1.10			.78							.27			7.83		
CARPENTER DAM	R	.45			.81	.04				.38			.36				.70	.11		1.60			.83						.01	.15	.27			4.26	
CLARENDON	R	.06	1.49	.04		.38				.36			.37	.18			.70	.11		1.60			.83							.30				0.30	
CLARKSVILLE	R		.86	.10		.48	T			.20	.51	.21	.10				.65	.20		.70			.01						.30	.60	.31			5.23	
CLINTON	T		.80	.08		.20				.20	.62		.30				T			T									.15	T		.50	.23	3.08	
COLD SPRINGS	R	1.80	.11		.25					.15		.10																							

ARKANS
NOVEMBER 19

NOVEMBER 19

See reference notes following Station Index.

ARKANSAS
NOVEMBER 1948

- 157 -

ARKANS
NOVEMBER 19

- 158 -

ARKANSAS
NOVEMBER 1948

- 159 -

ARKANS.
NOVEMBER 19.

- 160 -

TABLE 4 — Continued

HOURLY PRECIPITATION

ARKANSAS
NOVEMBER 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL	
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12		
REMME OAM			.12	.18	.32	.36	.06	.11	.04																1.19	
SMITHVILLE	.05	.01	.04	.01		.05	.03	.02	.09			.01	.05												.36	
STUTTART 9ESE	.10	.06	.04	.03	.21	.06	.13	.06	.01																.70	
TEXARKANA WB AP	.05	.27	.39	.19	.08	.02																			1.00	
WEDINGTON LAKE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
WEST FORK		.02		.01																					.03	
WHEELING		.05		.05	.03																				.13	
WINFREY	.01	.03	.03	.07	.01																				.15	
WING				.20	.10																				.30	
-17th-																										
BEEBE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.22							
BERRYVILLE																									.22	
-18th-																										
ALUM FORK															.35	.40	.10								.85	
APPLETON															.05	.03	.03	.05	.02	.17	.05				.30	
ARKADOLPHIA															.45	.37	.03	.05							.92	
AUGUSTA										*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
BATESVILLE L O 1																.05	.05	1.33	.20	.09		.01			1.68	
BEAR CREEK LAKE												.20	.02		.05	.01	.03	.12	.12	.30	.30	.30	.08	.13	.03	.01
BEEBE				.01	.01			.01	.01						.05	.05	.30	.15	.05						.64	
BERRYVILLE			.02	.01	.02										*	*	*	*	*	*	*	*	*	*	*	
BRINKLEY															*	*	*	*	*	*	*	*	*	*	*	
BULL SHOALS OAM		.05																							.05	
CAMOEN 2															.49	.23	.08	.10	.01						.91	
CANAAN															.10	.03	.02	.02	.05						.22	
CARPENTER OAM									.03	.01					.02	.39	.07	.03	.01		.01	1.58			.57	
CORNING									*	*					*	*	*	*	*	*	*	*	*	*	1.58	
OASIS															.20	.02	.05								.25	
OANVILLE												.10	.02												.12	
OENVER																	.05	.20	.30	.20	.25	.10	.15	.02	.06	
OUMAS 2												.15	.20				.20	.30	.20						1.42	
FOREMAN												.12	.20												.32	
FORREST CITY												.09	.01	.07	.02	.01	.07	.25	.22	.28	.22	.20	.21	.09	.13	.02
GILBERT												.01	.15	.02	.01			.04	.01						.24	
HAROL																	.45	.18	.12				.03	.02	.80	
HUNTSVILLE																	.05	.06							.11	
HUTTIG OAM									.03	.03					.26	.03	.21	.11	.16	.18	.06				1.08	
LITTLE ROCK WB AP															.21	.30	.13	.02	.01	.01					.68	
MAGNOLIA															.03	.99	.42	.03	.04	.01					1.52	
MARIANNA												.10	.05			.05	.10	*	*	*	1.				1.75	
MAUMEE															.08	.05	.05	.03	.02	.02					.23	
MONTICELLO															.05	.09	.24	.22	.22	.24	.02				1.08	
MOROBAY L O 8												.05	.01	.09	.30	.10	.15	.34	.01						1.05	
MOUNTAIN HOME															.01	.02	.08	.07	.01						.19	
NIMROD OAM														*	*	.22	.06	.10	.04	.10	.08				.22	
NORFORK OAM																.06	.10	.04	.10						.38	
PRESCOTT SCS														.10	.10	.32	.08	.05							.65	
RAVANA														.08	.02	.65	.10	.07	.02	.01					.10	
REMME OAM																.65	.10	.07	.02	.01					.85	
SMITHVILLE																		1.40	.26	.10	.03	.21	.05		1.79	
STUTTART 9ESE												.01			.01	.22	.21	.24	.28	.22	.21	.05			1.45	
TEXARKANA WB AP														.15	.05	*	*	*	*	*	*	*	.09		.20	
WEDINGTON LAKE																.20	.22	.23	.15	.02	.06	.23	.40	.05	.09	
WHEELING																									1.56	
-19th-																										
AUGUSTA	*	1.17						.01	.02						.07	.07	.06	.22	.02	.18	.08				1.17	
BOTKINBURG																									.73	
BRINKLEY							*	1.65																	1.65	
-20th-																										
BLUE MOUNTAIN OAM							.03		.02																.05	
BRINKLEY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
-21st-																										
ALUM FORK										.02	.04					.05	.12	.05	.03						.06	
ARKADOLPHIA										.12	.03					*	*	*	.93						.52	
AUGUSTA										*	*														.93	
BATESVILLE L O 1																.04	.06	.01	.05	.19	.01				.12	
BEAR CREEK LAKE																.10	.10	.05	.05	.10	.11	.02	.06	.01	.79	
BEEBE				.01	.02		.01	.01	.09	.16	.20	.01	.06	.10	.10	.02	.10	.02	.10						.79	
CAMOEN 2									.05	.42	.23	.02		.18	.05	.07	.03	.03							1.08	
CARPENTER OAM						.05				.04	.04	.01	.02	.06	.01	*	*	.10							.23	
CORNING															*	*	*	.10							.10	
OUMAS 2									.07				.03	.40	.90	.25	.07	.05	.03	.10	.05	.03	.02		2.00	
FORREST CITY													.03	.04	.07	.03	.12	.12	.03	.05	.02	.01	.01		.50	
HUTTIG OAM														.03	.03	.11	.03	.15	.10	.10					.55	
LITTLE ROCK WB AP							.04	.03	.09	.29	.08	.03	.10	.15	.15	.02	.01	.05	.02	.01					.96	
MAGNOLIA									.04	.28	.58	.12	.02	.12	.08	.08	.02	.02	.02						1.34	
MARIANNA														.02	.10	.09	.08	.09	.17	.05	.05	.02	.03	*	.70	
MONTICELLO						*	*	*	*	*	*	*	*	*	*	*	*	*	.52						2.34	
MOROBAY L O 8										.55	.03	.20	.05	.06	.01	.06	.08	.11	.03	.02					1.20	
PINE BLUFF CAA										.07	.35	.28	.02	.05	.10	.05	.10	.02	.03						1.07	
PRESCOTT SCS							.03	.17	.10	.15	.02	.01	.13	.12	.02	.06	.05								.68	
RAVANA							.50	.10	.15	.08	.02	.01	.05	.03	.02	.05									.90	
REMME DAM								.02	.10	.08	.02	.03	.12	.01	.01	.02	.01									

TABLE 4 — Continued

HOURLY PRECIPITATION

ARKANSAS
NOVEMBER 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
-24th-																									
COMPTON																									
MAUMEE	.10																								.10
SMITHVILLE																									.08
WINFREY			.11	.05	.06	.03	.02	.02	.01	.01	.01	.02	.01												.29
-25th-																									
APPLETON																									.03
BLUE MOUNTAIN DAM																						.03	.01	.03	.13
BULL SHOALS DAM																									.04
CANAAN																									.04
DANVILLE																									.27
DUMAS 2																									.01
GILBERT																									.01
MARIANNA																									.07
MENA																									.10
MOUNTAIN HOME																									.10
NIMROD DAM																									.05
PARTHENON																									.14
PYATT																									.05
SMITHVILLE			.03	.02																					.06
WALORON																									
-26th-																									
ALUM FORK													.04	.04		.01	.01						.01	.01	.06
ALY																									.08
APPLETON	.55																								.55
AUGUSTA																									.03
BATESVILLE L D 1		.20	.10													.01	.01								.32
BRINKLEY																									.45
CAMDEN 2	.05	.37	.05																						.14
CANAAN	.11																								.13
CORNING																									.08
DANVILLE	.05	.03																							.16
GILBERT	.12												.02												.93
HUTTIG DAM			.65	.01	.04								.01	.12	.04	.06									.01
LITTLE ROCK WB AP																									.49
MAGNOLIA	.11	.38																							.13
MARIANNA	*	*	*	*	*	*		.13		.01		.01													.04
MENA										.02	.01			.01	.05	.02									.39
MONTICELLO	.18	.08	.01	.02	.01			.01	.01				.01	.03	.02										.39
MOROBAY L D 8	.25	.08						.02					.01	.03											.54
NORFOLK DAM	*	.54																							.25
PINE BLUFF CAA		.02	.18	.05																					.01
PYATT		.01																							.05
SMITHVILLE																									.16
STUTTGART 9ESC			.13	.03																					.07
WALORON								.04																	.35
WHEELING	.30	.05																							.35
WING																									
-27th-																									
ALUM FORK																									.15
ALY	.01																								.08
APPLETON																									.12
ARKADELPHIA																									.41
AUGUSTA																									.16
BATESVILLE L D 1																									.30
BEEBE																									.05
BLUE MOUNTAIN DAM																									.08
BOTKINBURG																									.02
BRINKLEY																									.40
CAMDEN 2																									.15
CARPENTER DAM																									.30
COMPTON																									.46
DAISY																									.23
DUMAS 2	*	*	*	*	*	*	*	*	*	.57															.32
FOREMAN																									.12
FORREST CITY																									.53
HUNTSVILLE																									.53
HUTTIG DAM																									.59
LITTLE ROCK WB AP																									.50
MAGNOLIA								.05																	.20
MARIANNA																									.82
MENA																									.75
MONTICELLO																									.15
MOROBAY L D 8																									.14
NIMROD DAM																									

ARKANSAS
NOVEMBER 1948

- 163 -

DAILY TEMPERATURES

ARKANSAS
NOVEMBER 1948

Table 5

Station		Day of month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALUM FORK	MAX MIN	70 60	70 52	76 53	73 53	70 51	62 50	65 39	67 38	60 35	56 30	64 32	54 43	64 42	70 39	68 40	76 58	75 35	69 50		62 30	53 31	53 34	53 34	60 32	70 33	69 49	58 40	59 34	54 31	60 27	64.1 40.5	
ARKADELPHIA	MAX MIN	70 60	72 50	70 51	78 52	76 53	65 45	69 32	69 35	70 37	53 28	60 28	65 41	61 35	69 36	63 35	76 30	70 36	76 42	48 32	64 32	52 37	51 33	55 33	60 32	32	64 40	60 41	48 29	55 24	63.6 37.6		
ASHDOWN	MAX MIN	79 52	68 46	80 53	82 52	64 43	67 31	68 38	70 43	44 25	61 27	65 34	50 37	64 38	67 38	65 48	77 33	70 36	74 42	51 28	64 32	55 33	55 29	53 29	60 33	74 41	66 41	56 43	54 28	55 28	56 28	63.8 37.0	
BATESVILLE AIRWAY	MAX MIN	69 60	74 57	72 57	76 58	63 41	67 35	66 36	66 35	57 32	66 35	55 30	60 38	71 34	73 37	75 34	64 34	62 32	62 39	57 35	48 37	54 29	50 27	59 32	69 38	63 32	56 32	46 28	51 25	60 20	62.3 38.9		
BATESVILLE LIVESTCK	MAX MIN	70 59	70 54	74 54	71 55	75 53	63 46	66 29	65 33	65 40	47 29	60 30	60 43	49 32	60 32	70 35	73 46	75 30	65 45	63 41	44 31	57 32	49 29	53 21	51 28	58 35	69 35	63 29	60 41	45 23	50 24	61.3 37.1	
BEE BRANCH	MAX MIN	70 57	67 54	72 54	75 54	70 50	66 45	65 33	65 35	62 34	56 29	64 29	57 43	64 35	68 33	70 35	74 36	72 35	68 35	59 45	57 32	55 32	53 32	51 30	55 30	69 30	67 37	59 33	51 28	58 24	63.0 38.2		
BENTON BENTON	MAX MIN	70 55	74 50	70 48	76 53	74 53	65 46	66 45	68 30	71 34	47 26	59 25	65 31	49 36	61 35	69 32	63 36	76 33	69 36	73 42	50 31	62 31	50 36	55 31	54 30	54 28	73 32	63 33	61 39	59 20	53 22	63.3 36.0	
BENTONVILLE	MAX MIN	81 53	72 60	60 55	70 55	78 44	56 30	60 31	64 37	65 34	39 26	57 32	64 34	48 30	65 33	66 37	72 30	68 33	73 33	34 25	54 25	50 24	38 18	54 35	54 35	68 30	59 37	49 33	36 14	47 16	59.0 33.1		
BETHESOA	MAX MIN	72 56	68 54	71 53	71 55	75 52	63 46	65 27	65 31	66 42	47 23	55 25	66 42	50 29	61 28	70 30	73 45	78 28	65 42	62 42	56 27	57 28	48 28	52 20	50 25	58 29	70 44	62 25	59 38	43 22	50 19	61.6 35.2	
BLITHEVILLE	MAX MIN	72 56	74 51	74 59	68 58	80 60	63 44	65 33	69 41	70 45	65 33	58 34	68 38	55 42	59 38	63 43	65 35	61 38	68 33	62 36	52 36	56 30	60 30	54 30	50 30	58 40	70 32	64 37	57 37	48 30	49 30	62.9 40.1	
BOONEVILLE	MAX MIN															76 35	74 36	77 34	79 35	72 33	76 32	70 31	55 33	57 31	56 20	48 29	74 35	73 50	73 35	63 34	58 33	55 33	-
BRINKLEY	MAX MIN	72 58	75 57	75 55	81 55	77 54	69 44	70 34	72 39	63 30	60 30	68 30	57 44	62 42	71 35	74 40	67 37	68 38	66 50	63 43								58 39	53 36	52 26	61 25	66.7 42.1	
CAMDEN 1	MAX MIN	73 58	73 52	70 52	80 54	81 54	65 45	69 32	70 32	74 36	61 30	61 29	68 29								52 37	66 38	51 40	55 32	56 31	61 33	74 34					-	
CAMP CHAFFEE	MAX MIN	84 62	74 55	66 60	76 62	82 44	62 30	67 41	72 39	53 26	63 37	68 30	52 40	65 31	72 34	76 37	77 39	72 41	78 38	44 32	59 36	50 34	48 18	56 26	55 35	74 39	65 32	58 40	41 25	56 21	64.6 38.0		
CONWAY	MAX MIN	72 58	69 51	77 52	78 55	73 52	66 47	69 32	69 37	57 36	58 28	66 30	56 45	64 40	72 35	72 35	77 35	68 55	72 41	63 32	61 36	52 33	54 29	53 33	60 34	74 50	67 35	59 35	51 26	53 24	61 20	64.8 39.6	
CORNING	MAX MIN	78 48	72 57	76 56	66 57	79 49	62 37	65 33	65 42	67 31	54 27	55 30	65 43	52 37	58 33	69 33	69 36	68 33	62 44	47 32	56 36	54 27	56 29	48 29	59 36	70 47	57 34	53 35	45 28	50 25	61.7 38.9		
CROSSETT	MAX MIN	74 61	75 52	81 48	79 55	80 55	71 38	73 35	66 42	66 28	75 30	83 43	62 47	59 46	65 38	73 59	75 40	70 55	65 44	68 30	67 33	57 45	52 31	64 27	74 30	69 56	64 40	55 41	53 28	60 23	68.2 41.1		
CUMMINS FARM	MAX MIN	70 56	70 52	75 50	79 54	77 41	68 35	67 31	71 36	60 30	58 28	65 35	53 40	63 43	68 36	65 35	70 38	68 50	63 42	62 34	56 33	52 32	52 32	60 32	71 31	65 40	58 36	51 36	49 27	57 25	63.5 39.9		
DARONELLE	MAX MIN	72 52	76 52	69 53	75 53	78 50	65 32	67 32	67 32	69 32	45 26	59 26	68 26	50 29	63 35	72 35	73 35	78 35	68 35	73 44	46 3	60 3	57 32	53 26	54 26	56 26	73 33	59 33	59 33	46 27	52 24	63.0 35.4	
DE QUEEN	MAX MIN	78 61	75 49	78 47	1 51	76 50	65 35	60 40	68 39	65 25	61 24	56 45	62 40	63 39	64 44	75 41	66 34	67 34	75 41	62 30	61 29	59 28	52 28	59 30	62 34	65 45	60 45	58 45	54 27	57 24	65.1 38.0		
DES ARC	MAX MIN	71 55	71 59	71 55	75 56	76 54	59 44	67 33	67 37	70 38	62 30	57 31	66 32	52 44	59 35	68 37	71 40	69 35	68 36	68 44	49 35	68 35	48 23	53 31	50 32	59 36	71 40	69 39	53 26	46 26	50 26	62.8 39.1	
DEVILS KNOB	MAX MIN	71 56	68 52	70 50	68 51	65 44	62 35	63 40	62 34	60 28	60 44	62 33	63 45	65 34	66 34	64 42	62 40	60 30	46 25	54 34	52 24	50 26	51 31	61 44	65 51	41 54					61.4 40.1		
DUMAS 1	MAX MIN	71 58	72 55	78 54	82 58	75 57	69 43	70 34	73 37	60 33	60 30	65 30	54 46	60 48	65 41	66 37	69 54	68 36	70 40	63 45	65 37	55 40	54 42	53 34	65 35	73 36	67 55	57 43	53 40	50 30	58 27	64.7 41.9	
EL DORADO	MAX MIN	83 63	50	70 50	82 51	83 43	64 35	72 32	72 36	62 42	60 30	65 35	52 44	65 43	62 45	65 38	75 41	76 40	76 45	56 41	56 33	47 34	60 32	56 34	63 35	74 39	70 41	70 42	68 28	58 27	68.2 40.1		
EUREKA SPRINGS	MAX MIN	74 51	62 57	64 55	76 58	72 46	59 44	64 37	65 45	59 34	52 30	62 44	54 35	60 45	72 48	73 52	67 40	74 52	67 31	49 28	51 35	43 26	48 21	46 37	67 39	62 42	49 37	46 34	45 21	52 32	59.9 40.0		
FAYETTEVILLE	MAX MIN	74 57	60 53	72 55	77 60	67 45	59 38	65 30	60 33	55 30	62 41	54 39	63 43	67 42	71 37	70 32	73 35	57 29	54 27	51 37	45 23	52 19	48 36	47 41	58 31	55 48	50 38	48 31	19 23	54 23	60.5 38.2		
FAYETTEVILLE EX S	MAX MIN	74 56	64 53	72 55	76 60	71 45	58 39	62 48	61 32	55 29	62 39	54 42	64 39	68 39	71 38	71 54	67 33	73 55	64 30	55 26	51 34	43 25	54										

DAILY TEMPERATURES

ARKANSAS
NOVEMBER 1948

Table 5-Continued

Station		Day of month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
KEO	MAX MIN	73 59	70 55	77 53	75 53	74 53	67 45	68 37	70 37	59 30	59 30	66 30	55 45	62 44	70 38	71 39	74 58	67 37	70 53	63 43	63 35	52 37	53 37	54 32	62 34	73 37	68 52	61 40	52 38	52 60	60 27	64.7 41.4	
LEAD HILL	MAX MIN	68 53	68 55	73 55	77 51	66 49	62 44	62 27	63 35	56 33	55 25	63 23	54 45	60 31	70 29	76 31	68 49	72 28	60 50	58 35	55 23	48 21	52 13	52 24	70 28	59 35	2 24	48 32	50 14	58 19	61.2 33.7		
LITTLE ROCK WB AP	MAX MIN	71 58	70 56	76 54	74 60	63 49	64 40	65 40	69 38	60 30	57 32	65 33	50 46	59 45	70 40	69 42	76 53	65 41	70 54	54 43	61 35	49 38	52 41	48 35	60 34	72 37	65 47	60 41	48 35	52 31	57 30	62.4 42.6	
LUTHERVILLE	MAX MIN	70 60	65 52	70 53	78 57	70 48	64 45	63 37	65 54	61 36	55 27	64 32	59 43	61 40	67 38	70 42	75 55	65 36	67 54	63 34	55 29	56 38	51 32	51 24	50 32	70 35	67 44	65 38	54 34	54 24	57 28	62.7 40.0	
MAGNOLIA	MAX MIN	75 64	73 51	83 61	81 60	80 51	69 40	70 39	72 44	65 30	63 29	67 34	62 45	61 44	66 48	63 42	78 59	73 49	79 65	65 33	68 43	63 37	56 35	57 36	67 33	75 71	71 62	65 42	56 29	60 28	62 30	68.1 43.4	
MALVERN	MAX MIN	71 60	74 52	69 52	77 57	74 53	65 47	67 34	68 38	71 45	46 29	59 29	65 36	49 42	69 37	73 39	77 38	69 44	70 42	48 32	63 37	50 37	55 37	55 35	60 33	73 47	65 41	60 41	43 29	54 26	63.4 40.3		
MAMMOTH SPRING	MAX MIN	78 42	74 49	75 46	78 47	75 45	70 40	65 40	59 40	52 29	49 24	66 23	65 25	67 24	64 23	63 22	65 26	66 26	69 23	60 23	61 22	64 20	53 20	49 20	56 24	57 25	62 25	57 22	57 20	54 19	62.4 29.1		
MARIANNA	MAX MIN	71 57	71 60	73 52	80 54	61 58	65 43	68 33	70 37	65 30	59 30	65 30	53 37	59 44	68 35	38	46	37	45	44	36	38	41	31	29	35	53	57	46	61	61	-	
MARKEO TREE	MAX MIN	74 55	74 58	73 53	71 54	80 47	62 45	66 35	66 35	63 31	59 30	65 34	53 30	59 33	60 34	70 44	66 44	65 44	63 34	51 35	58 32	56 39	54 29	54 30	59 36	69 37	64 34	51 38	45 28	48 27	62.7 38.6		
MARSHALL	MAX MIN	78 59	68 59	73 57	75 58	70 50	62 48	64 30	65 44	60 31	55 30	65 36	56 43	65 34	73 36	74 36	65 50	64 31	68 31	60 31	59 45	53 26	56 30	59 35	69 40	55 46	58 30	50 31	52 15	53 22	62.8 38.0		
MENA	MAX MIN	71 62	65 50	79 52	80 58	78 48	63 43	68 34	69 44	60 36	60 28	66 38	55 43	65 37	71 41	68 41	74 57	70 35	75 50	62 37	62 29	56 40	52 30	56 25	60 32	71 39	64 45	56 36	51 35	56 24	59.9		
MONTICELLO	MAX MIN	70 61	70 53	77 52	79 59	76 47	68 44	69 45	72 45	68 30	61 30	66 35	55 45	61 46	69 44	64 59	71 46	72 49	70 43	52 36	61 47	60 38	54 36	51 36	61 34	72 41	67 45	61 36	52 30	46 29	64.5 43.1		
MORRILTON	MAX MIN	72 52	71 53	69 54	76 56	78 53	65 51	64 35	68 34	55 42	47 30	57 30	66 32	50 44	62 37	70 39	71 36	76 37	66 38	69 46	46 34	59 36	52 34	52 30	52 31	57 33	71 40	59 34	60 36	47 30	62.4 38.7		
MOUNT IOA 1	MAX MIN	67 48	64 43	78 52	78 57	74 45	72 30	71 36	70 33	62 36	63 21	62 20	68 34	71 36	72 34	68 33	77 54	67 34	61 26	56 46	61 32	60 26	58 30	62 32	71 34	75 34	63 35	70 33	60 18	57 17	66.6 34.8		
MOUNT MAGAZINE	MAX MIN	64 55	60 48	65 50	67 55	64 41	53 33	56 43	58 45	52 28	49 29	56 43	48 39	55 45	62 49	63 52	65 49	58 45	60 50	59 27	50 25	49 38	44 23	45 28	45 32	62 41	60 43	50 38	47 27	42 21	55.1 39.4		
MOUNTAIN HOME	MAX MIN	70 55	69 56	71 58	76 53	71 50	62 41	65 30	67 39	58 32	53 23	67 28	54 34	58 33	69 35	75 54	76 54	74 41	66 35	59 33	56 31	55 28	48 20	50 28	51 28	55 30	65 31	68 30	49 32	46 20	55 25	61.9 35.9	
NASHVILLE	MAX MIN	73 62	74 51	65 49	79 52	81 50	65 44	68 33	68 38	71 40	46 28	61 31	65 38	50 34	64 37	70 41	78 36	69 40	72 31	62 38	54 31	55 29	59 30	60 33	74 41	70 41	55 25	59 25	55 25	64.7 37.7			
NEWPORT	MAX MIN	71 58	72 60	72 58	77 58	60 58	67 49	67 35	70 37	58 40	58 31	67 33	52 36	60 35	70 37	75 40	71 35	69 35	67 44	62 38	58 36	49 34	53 31	48 31	62 31	70 34	62 38	51 31	51 30	60 26	62.8 39.8		
NIMROO OAM	MAX MIN	76 57	76 49	66 53	66 56	72 50	68 47	66 29	73 34	74 40	54 26	64 26	65 29	50 38	66 33	68 35	71 36	65 31	66 34	52 39	62 28	60 32	54 30	52 23	51 26	59 31	72 45	61 29	54 33	44 27	55 22	63.8 35.6	
NORFORK OAM	MAX MIN	79 54	72 53	71 58	73 51	78 52	66 50	65 28	67 32	67 37	47 26	55 26	68 36	51 38	57 30	72 32	76 38	78 30	67 31	69 36	46 32	58 37	55 28	50 24	53 28	59 24	71 38	54 34	57 34	46 22	50 20	62.6 34.5	
ODEN	MAX MIN	67 41	62 29	64 28	72 45	65 36	68 47	64 31	72 46	65 34	68 48	71 39	75 46	68 34	68 48	48 39	63 32	55 35	52 32	57 26	59 36	72 37	61 38	58 29	58 31	61 24	59 24	48 33	62.3 34.8				
OKAY	MAX MIN	77 62	77 51	80 51	82 45	80 40	76 38	69 32	70 30	70 32	70 29	70 29	69 36	70 39	70 38	78 34	78 34	78 35	78 34	64 35	60 36	60 30	56 33	62 30	74 41	70 58	66 42	54 43	57 28	62 24	69.9 38.0		
OZARK	MAX MIN	78 62	68 54	67 56	70 58	80 58	60 48	65 35	65 35	68 43	50 27	57 27	65 29	50 39	50 35	68 27	71 27	75 34	66 34	70 40	40 33	54 33	54 29	50 23	49 23	70 29	58 42	50 34	40 35	49 23	60.2 36.5		
PARAGOULO	MAX MIN	73 50	74 50	68 54	80 53	75 43	64 33	65 32	67 33	59 29	55 27	64 29	56 49	66 30	70 33	67 36	66 33	64 48	61 35	53 30	56 31	48 29	56 30	67 34	67 34	54 37	52 34	49 37	57 29	62.1 39.1			
PERRYVILLE	MAX MIN	68 36	67 37	69 38	70 37	69 35	70 37	69 36	64 31	60 31	65 34	66 36	68 38	63 43	72 42	76 40	78 43	69 46	62 38	63 36	62 35	56 34	56 32	60 34	72 36	66 34	60 29	59 20	58 20	65.0 35.0			
PINE BLUFF	MAX MIN	71 61	65 54	74 55	70 50	75 49	70 49	69 41	71 40	63 33	61 33	66 34	55 46	63 43	72 42	69 56	74 46	69 56	69 46	62 38	46 41	68 41	54 36	54 37	62 38	74 56	67 44	59 38	53 31	61 29	64.8 44.4		
PINE BLUFF CAA	MAX MIN	70 59	69 54	77 54	79 59	68 47	68 43	68 35	70 40	63 39	60 32	65 31	53 46	62 44	70 41	67 39	72 51	68 41	50 33	56 43	64 37	52 40	52 37	63 35	73 35	67 46	58 42	51 35	51 28	60 28	64.2 41.6		
POCAHONTAS 1	MAX MIN	73 52	78 58	68 57	77 52	73 55	67 41	66 31	67 36	58 35	55 27	56 2																					

DAILY TEMPERATURES

ARKANSAS
NOVEMBER 194

Table 1-Continued

Station	Day of month																															Average
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MAX	9	10	10	82	67	67	68	70	63	61	65	51	64	66	64	76	72	77	53	64	56	54	55	60	74	68	57	50	55	60	64.8	
MIN	35	34	30	50	53	44	38	44	34	31	37	46	42	46	44	52	39	48	42	34	40	35	33	35	45	49	44	36	29	29	42.5	
MAX	64	3	60	5	65	58	60	62	55	52	60	52	60	64	69	61	69	74	57	52	54	50	60	60	64	60	55	47	47	55	59.7	
MIN	34	7	3	1	50	40	40	35	29	30	39	38	38	36	40	43	50	46	28	23	41	26	33	32	36	43	36	28	22	34	37.1	
MAX	70	69	60	79	77	63	69	70	62	60	66	60	66	73	73	77	70	78	66	63	60	50	55	59	72	70	59	56	56	60	66.1	
MIN	30	3	3	31	49	44	28	39	35	23	25	43	36	31	31	56	29	54	37	27	32	33	19	27	32	3	29	33	22	20	36.2	
MAX	71	72	72	70	75	78	75	82	75	61	66	78	72	70	72	73	76	71	72	69	67	56	53	59	73	73	67	53	53	53	68.5	
MIN	33	36	34	31	45	50	40	55	39	34	35	36	43	44	38	56	47	49	43	36	42	46	36	35	35	52	43	41	31	27	43.6	
MAX	67	60	60	60	67	59	60	62	58	62	59	52	59	64	46	68	60	67	60	60	52	47	48	46	64	59	56	50	46	54	58.5	
MIN	32	35	35	30	42	39	41	39	30	30	32	39	38	44	46	48	42	50	26	24	40	26	27	30	36	46	39	28	23	33	38.5	
MAX	71	68	68	69	76	65	66	68	63	57	64	63	59	68	71	62	66	65	62	57	54	52	51	58	69	65	53	51	50	59	62.8	
MIN	9	60	55	57	52	46	35	44	37	32	34	44	46	43	57	57	37	53	43	36	41	41	32	30	38	51	40	35	28	28	42.6	

TABLE 6

DAILY EVAPORATION (INCHES) AND WIND MOVEMENT (MILES)

ARLINGTON
NOVEMBER 1946

STATION		DAY OF MONTH																															TOTAL	DEPARTURE FROM NORMAL
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
METHUEN	EVAP	.078		.133	.116		.168	.171	.117	.018			.187	.014	.077	.119		.09	.08	.00	.164	.14	.4	.8	.5	.1	.3	.3	.4					
	WIND	56	69	49	57	113	108	53	31	58	4	37	187	20	23	18	97	99	48	60	164	14	4	8	5	1	3	3	4					
HOPE	EVAP			.062	.121	.236	.151	.139	.112	.070		.144	.091	.026		.10	.040	.141	.056	.028	.300		.104		.11	.75	.1	.1						
	WIND		59	40	43	75	95	42	27	36	41	31	22	17		28	28	0	33	85	99		51		2	1								
NIMROD DAM	EVAP	.052	.128	.030	.162	.150	.028	.072	.108	.000		.116	.052	.028		.072	.02	.078	.172	.068	.110	.100	.038	.94	.32	.7	.4							
	WIND	6	13	10	10	55	160	66	4	33	31	29	10	3	3	1	2	27	25	41	111	50	45	18	2	49	45							
WINDYBARK DAM	EVAP	.118			.188	.186		.024	.102	.044			.010	.082	.04	.069	.123	.089	.075	.114	.022		.13	.25	.1	.59	.1	.1						
	WIND	46	46	18	21	81	89	56	36	33	22	23	54	25	30	18	43	74	97	91	192	44	13	25	1	59	1	1						
ST. GARY R. M. ESE	EVAP	.024	.015	.089	.081	.114	.072	.088	.083	.075	.048	.065	.098	.054	.049	.05	.020	.036	.050	.047	.071	.075		.047	.053	.04	.000							
	WIND	50	70	65	50	170	95	50	15	50	80	35	35	14	54	23	74	42	54	107	123	49	21	23	9	1	1							

TABLE 7

DAILY RIVER STAGES (FEET)

RIVER AND STATION	FLOOD STAGE	DAY OF MONTH																															HIGHEST OF CREST	DATE	LOWEST	DATE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
BUFFALO GI. BERT	30	3.3	3.4	4.2	4.1	3.8	3.7	3.7	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.5	3.4	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	
BLACK BACK ROCK	14	1.4	1.5	1	2.3	2.1	2.4	2.4	2.3	2.2	2.2	2.3	2.3	2.3	2.3	2.2	2.1	2.7	2.0	3.4	3.9	3.7	3.5	3.4	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	
WHITE LOTTER	21	1.0	1.2	7.5	7.4	3.2	4.1	3.9	2.4	3.6	2.6	2.7	2.2	2.1	7.0	2.1		1.7	1.7	1.8	1.8	2.4	1.9	1.5	1.3	7.0	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
BATESVILLE & D. 1	23	5.6	5.1	6.0	6.2	7.2	7.1	6.8	7.1	6.6	7.0	6.6	6.6	6.7	6.5	6.4	7.3	6.2	6.3	7.2	6.8	6.3	6.4	5.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	
LEWISPORT	26	1.0	1.0	0.5	1.0	2.0	2.6	2.5	2.6	2.4	2.2	2.5	2.2	2.2	2.2	2.0	1.9	1.7	1.8	2.2	3.7	3.5	3.1	2.7	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	
GEORGETOWN	21	0.1	0.3	0.4	0.4	0.5	1.6	2.2	2.7	2.8	2.9	2.9	2.8	2.7	2.6	2.5	2.5	2.4	2.3	2.3	2.7	4.1	4.6	4.7	4.4	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	
ARENDON	26	7.6	7.1	7.8	8.0	8.0	8.1	8.7	9.4	10.0	10.5	10.7	10.8	10.8	10.7	10.8	11.0	11.2	11.2	11.5	11.7	12.0	2.8	13.6	14.0	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	
LEITCHMAN ARLILLE	20	2.5	2.6	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	
ARKANSAS AN BLEN	23	4.5	4.7	4.3	4.2	4.9	7.8	9.2	9.2	8.8	7.2	6.6	6.4	6.1	5.5	5.6	5.5	7.2	5.0	5.2	5.2	5.2	5.2	5.0	4.9	4.1	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	
CLARK	22	1.1	1.5	1.0	1.0	1.0	1.2	3.4	5.5	4.8	4.2	3.2	2.7	2.4	2.3	2.0	1.8	1.7	1.6	1.6	1.6	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	
AR ANELLE	20	2.4	2.4	2.3	2.3	2.4	2.0	2.7	5.2	6.9	6.1	5.1	4.4	4.0	3.8	3.5	3.2	3.1	2.8	2.7	2.6	2.7	2.7	2.8	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	
MORRIS	20	6.9	7.0	7.0	7.1	7.0	6.9	6.8	7.0	11.0	11.6	11.1	10.0	9.3	8.8	8.5	8.1	7.9	6.8	7.6	7.4	7.3	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	
LITTLE ROCK WD AP	23	0.4	0.1	0.6	0.6	0.9	0.6	0.4	0.3	1.6	3.8	3.8	3.1	2.5	2.1	1.8	1.1	1.5	1.3	1.5	1.5	1.3	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0		
KINE BLUFF	25	1.3	1.2	1.5	1.6	1.7	2.1	1.7	1.4	1.3	2.9	5.6	5.5	4.8	4.2	3.5	3.1	3.1	2.9	2.7	2.9	2.9	2.8	2.5	2.4	2.3	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.1		
ASH																																				
GLENWOOD	10	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	-	-	-	3.5	3.5	3.5	3.5	3.6	3.6	4.2	4.2	4.2	4.4	4.4	4.6	4.6	4.7	4.5	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	
AL LE BENTON	20	3.9	6.9	6.2	5.6	3.5	7.2	6.1	5.5	5.2	5.1	2	5.3	5.4	6.5	6.5	6.2	5.5	7.6	12.7	9.2	7.6	7.3	6.8	6.4	6.1	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	
LITTLE MISSOURI BOUGHTON	20	4.2	4.3	4.4	4.5	4.9	5.2	5.3	5.2	5.0	4.4	4.4	4.4	4.4	4.4	4.5	4.6	4.7	6.0	6.0	6.8	6.6	6.4	5.6	5.4	5.4	5.7	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	
BUCHITA ARKADELPH A	17	3.6	4.0	3.6	3.5	3.7	5.3	3.7	3.4	3.5	5.0	3.5	3.5	3.5	3.4	3.4	3.6	6.5	5.1	6.8	6.4	4.8	6.3	5.2	4.2	3.7	3.9	4.5	4.7	3.1	4.3	4.3	4.3	4.3	4.3	
CAMDEN	26	4.2	4.8	4.8	5.0	4.8	4.8	4.7	5.6	4.9	4.5	4.1	4.8	-								9.3	10.0	10.2	10.2	10.3	6.1									
LITTLE WHITECLIFFS	25	0.0	0.0	0.0	0.0	0.0	1.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.5	2.5	2.5	2.5	2.0	1.5	1.5										
ED FULTON	25	6.4	6.9	7.2	7.4	7.6	7.3	6.6	6.1	6.9	6.9	7.0	7.0	6.9	6.4	6.1	6.4	6.7	7.5	7.7	7.6	7.2	7.3	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	
T. FRANCIS ST. FRANCIS	18	1.9	2.0	2.7	2.2	5.2	5.1	6.1	4.7	3.1	2.7	2.4	2.7	2.6	2.3	2.2	2.1	2.5	2.4	7.7	7.9	9.3	8.5	7.8	8.1	8.7	9	9	9	9	9	9	9	9	9	
ST. FRANCIS LAKE	30	19.3	19.3	19.3	19.4	19.5	19.7	19.8	19.9	20.1	20.2	20.3	20.4	20.4	20.4	20.4	20.4	20.7	20.7	20.7	20.3	20.3	20.3	20.3	20.3	20.3	20.4	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	
MARKET TREE	17	0.6	0.6	0.6	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
PARKIN	27	1.6	1.6	1.6	1.6	1.6	1.6	2.0	2.4	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	
MADISON	27	1.2	1.3	1.3	1.1	1.1	1.2	1.7	2.0	2.2	2.0	2.1	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	
MISSISSIPPI HELPS	44	3.5	3.6	3.6	3.4	3.5	4.1	5.0	5.8	7.8	10.4	12.1	13.0	13.3	13.6	13.7	13.4	12.4	11.6	11.5	11.7	11.2	11.4	13.0	15.1	16.5	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0		
ARKANSAS CITY	44	3.4	3.4	2.3	2.3	2.4	2.5	2.7	3.5	4.4	5.9	7.9	9.1	10.4	11.2	11.4	11.4	11.3	10.6	10.2	10.0	9.9	9.8	10.1	11.1	12.3	13.5	14.0	14.0	13.9	14.0	14.0	14.0	14.0		

STATION INDEX

ARKANSAS
NOVEMBER 19

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. O /	LONG. O /	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
ABBOTT	0006	SCOTT	ARKANSAS	35 04	94 12	624	C		7A		7		JAMES V. WILLIAMS	3
ALICIA	0064	LAWRENCE	WHITE	35 54	91 05	256	C		MID		22		BEN R. BUSH	3 4
ALPINE	0118	CLARK	OUACHITA	34 16	93 23	-	C		7A		2		MRS. ALTA F. GARNER	3
ALUM FORK	0130	SALINE	ARKANSAS	34 48	92 52	755	C	5P	5P	11	11		L. R. WATER WORKS	2 3 4 5
ALY	0136	YELL	OUACHITA	34 47	93 29	850	C		MID		6		MRS. ELVIA LAMB	3 4
ANTOINE	0178	PIKE	OUACHITA	34 02	93 25	285	C		8A		6		EARNEST F. CARROLL	3
APLIN	0188	PERRY	ARKANSAS	34 58	92 59	400	C		7A		4		BESSIE L. EDWARDS	3
APPLETON	0196	POPE	ARKANSAS	35 25	92 53	522	C		MID		8		JOHN A. JONES	3 4
ARKAOLPHIA	0220	CLARK	OUACHITA	34 07	93 03	200	C	7A	7A	52	52		W. H. HALLIBURTON	2 3 4 5 7
ARKANSAS CITY	0234	OESHA	MISSISSIPPI	33 37	91 12	145	C		8A		58		JOHN W. TRAMMELL	3 7
ASHDOWN	0286	LITTLE RIVER	REO	33 40	94 08	329	C	8A	8A	4	4		SOUTHWESTERN G & E	2 3 5
ATHENS	0300	HOWARD	REO	34 19	93 58	960	C		7A		0		ARRA O. PARKER	3
ATLANTA	0310	COLUMBIA	OUACHITA	33 07	93 02	329	C		MIO		3		MISS EFFIE PERRY	3 4
AUGUSTA	0326	WOODRUFF	WHITE	35 17	91 22	218	C		7A		13		DAVID G. GRIFFITHS	3 4
BATESVILLE AIRWAY	0456	INDEPENDENCE	WHITE	35 46	91 39	363	C	MID	MIO	40	40		AIRWAY OBSERVER	2 3 5
BATESVILLE LIVESTOCK	0458	INDEPENDENCE	WHITE	35 49	91 47	571	C	9A	9A	7	7		UNIV. OF ARKANSAS	2 3 5
BATESVILLE L & D 1	0460	INDEPENDENCE	WHITE	35 45	91 38	277	C		7A		35		B. M. HUDDLESTON	3 4 7
BEAR CREEK LAKE	0496	LEE	WHITE	34 43	90 42	220	C		MID		2		SOIL CONSER. SERVICE	3 4
BEATY LAKE	0512	ST. FRANCIS	ST. FRANCIS	35 05	90 43	400	C		5P		7		L. G. ADAMSON	3
BEAVER	0518	CARROLL	WHITE	36 28	93 46	930	C		7A		3		H. E. SKELTON	3 7
BEE BRANCH	0528	VAN BUREN	ARKANSAS	35 27	92 24	650	C	5P	5P	56	56		MINNIE SCANLAN	2 3 5
BEEBE	0530	WHITE	WHITE	35 04	91 54	250	C		MIO		5		JR. AG. COLLEGE	3 4
BEECH GROVE	0534	GREENE	WHITE	36 09	90 38	298	C		8A		7		B. B. HAMMOND	3
BEEOEVILLE	0536	JACKSON	WHITE	35 26	91 06	221	C		8A		7		P. M. BRECKINRIE	3
BENTON	0582	SALINE	SALINE	34 33	92 37	285	C	7A	7A	19	19		MRS. ETNA C. BURKS	2 3 5 7
BENTONVILLE	0586	BENTON	ARKANSAS	36 22	94 13	1295	C	8A	8A	42	42		E. L. BROWN	2 3 5
BERRYVILLE	0616	CARROLL	WHITE	36 22	93 34	1255	C		MIO		5		LUCILLE R. MC WETHY	3 4
BETHESDA	0614	INDEPENDENCE	WHITE	35 49	91 47	500	C	8A	8A	8	8		SOIL CONSER. SERVICE	2 3 5 6
BIG FLAT	0662	BAXTER	WHITE	36 00	92 24	1250	C		7A		2		W. C. NORMAN	3
BIG FORK	0664	POLK	OUACHITA	34 29	93 58	1100	C		4P		4		ANNA M. LILES	3
BIG LAKE OUTLET	0676	MISSISSIPPI	ST. FRANCIS	35 51	90 08	239	C		7A		3		N. W. DOUGLAS	3
BLACK ROCK	0746	LAWRENCE	WHITE	36 07	93 19	259	C		7A		46		J. H. RAGAN	3 7
BLUE MOUNTAIN DAM	0798	YELL	ARKANSAS	35 06	93 06	235	C		MIO		8		CORPS OF ENGINEERS	3 4
BLYTEVILLE	0806	MISSISSIPPI	ST. FRANCIS	35 56	89 55	252	C	7A	7A	22	22		R. E. BLAYLOCK	2 3 5
BOONEVILLE 3 MI S.W.	0828	LOGAN	ARKANSAS	35 09	93 58	465	C	6P	6P	33	33		NOVA RAE BUREOCK	2 3 4 5
BOONEVILLE	0830	LOGAN	ARKANSAS	35 09	93 50	511	C		6A		7		CLEO E. YANOELL	3
BOTKINBURG	0842	VAN BUREN	WHITE	35 39	92 30	1200	C		MID		3		THOMAS M. PEARSON	3 4
BOUGHTON	0848	NEVADA	OUACHITA	33 52	93 18	235	C		7A		13		MAXINE K. ALLEN	3 7
BRADFORD	0872	WHITE	WHITE	35 25	91 28	240	C		8A		3		MARSHALL HICKMON	3
BRINKLEY	0936	MONROE	WHITE	34 54	92 11	205	C	7A	7A	57	57		ROBERT L. GLOVER	2 3 4 5
BULL SHOALS DAM	1020	BAXTER	WHITE	36 22	92 34	760	C		MIO		1		CORPS OF ENGINEERS	3 4
BURDETTE	1052	MISSISSIPPI	MISSISSIPPI	35 49	89 56	240	C		6P		4		G. A. HALE	3
CABOT	1102	LONOKE	WHITE	34 59	92 01	289	C		6P		3		B. M. WALTHER	3
CALICO ROCK	1132	IZARD	WHITE	36 08	92 08	380	C		7A		43		MRS. M. R. BIGGERS	3 7
CAMOEN 1	1152	OUACHITA	OUACHITA	33 36	92 49	116	C	7A	7A	58	58		JOHN M. KNIGHT	2 3 5 7
CAMDEN 2	1154	OUACHITA	OUACHITA	33 35	92 51	155	C		MIO		6		EDITH Z. LEHMAN	3 4
CAMP CHAFFEE	1172	SEBASTIAN	ARKANSAS	35 18	94 18	419	C	8A	8A	6	6		U. S. ARMY	2 3 5
CANAAN	1188	SEARCY	WHITE	35 52	92 44	-	C		MID		8		FRONIE DELL HORTON	3 4
CARLISLE	1224	LONOKE	ARKANSAS	34 47	91 45	235	C		8A		7		R. W. HOLLIS	3
CARPENTER DAM	1238	GARLAND	OUACHITA	34 27	93 01	-	C		MID		8		ARK. P. & L. CO.	3 4
CLARENDON	1442	MONROE	WHITE	34 41	91 18	172	C		7A		44		B. F. NORTHERN	3 7
CLARKSVILLE	1456	JOHNSON	ARKANSAS	35 29	93 28	370	C		MIO		8		THOMAS L. SMITH	3 4
CLINTON	1492	VAN BUREN	WHITE	35 35	92 58	510	C		7A		26		EARL B. RIDOLCK	3
COLD SPRINGS	1520	SCOTT	OUACHITA	34 58	93 54	1250	C		7A		7		MARGARET ZORNES	3
COMBS	1574	MADISON	WHITE	35 50	93 50	1400	C		MID		8		ROSA J. COMBS	3 4
COMPTON	1582	NEWTON	WHITE	36 06	93 18	895	C		MIO		5		WILLIAM L. BINAM	3 4
CONWAY	1596	FAULKNER	ARKANSAS	35 05	92 27	309	C	5P	5P	64	64		G. Y. SHORT	2 3 5
CORNING	1632	CLAY	WHITE	36 24	90 35	293	C	7A	7A	34	34		MRS. LAURA POLK	2 3 4 5
COTTER	1640	MARION	WHITE	36 14	92 31	440	C		8A		20		O. B. MC SPADEN	3 7
COVE	1666	POLK	RED	34 26	94 25	1050	C		7A		8		WILLIAM M. RAYMOND	3
CROSSETT	1730	ASHLEY	OUACHITA	33 02	91 56	175	C	5P	5P	25	35		U. S. FOREST SERVICE	2 3 5
CRYSTAL VALLEY	1750	PULASKI	ARKANSAS	34 42	92 26	350	C		7A		6		VIRDA BYRO	3
CULPEPPER	1756	VAN BUREN	WHITE	35 30	92 33	750	C		7A		4		MRS. LIZZIE THOMPSON	3
CUMMINS FARM	1768	LINCOLN	ARKANSAS	34 08	91 35	176	C	7P	7P	4	4		T. C. COGBILL	2 3 5
DAISY	1814	PIKE	OUACHITA	34 14	93 45	629	C		MIO		6		ROBERT T. TEODER	3 4
DANVILLE	1834	YELL	ARKANSAS	35 03	93 24	370	C		7A		32		J. A. MOUOY	3 7
DARDANELLE	1838	YELL	ARKANSAS	35 13	93 09	330	C	7A	7A	62	62		GEORGE N. GOODIER	2 3 5 7
DE QUEEN	1948	SEVIER	RED	34 02	94 21	126	C		6P		14		L. D. MC COWN	2 3 5
DENVER	1956	CARROLL	WHITE	36 23	93 18	1028	C		MIO		8		CLARENCE E. COLLINS	3 4
DERMOTT	1960	CHICOT	MISSISSIPPI	33 31	91 26	140	C		8A		8		L. W. WILSON	3
DES ARC	1968	PRAIRIE	WHITE	34 58	91 30	204	C	7A	7A	12	12		C. J. RISTER	2 3 5
DEVILS KNOB	1982	JOHNSON	ARKANSAS	35 43	93 24	2350	C	5P	5P	11	11		ARCHIE BRADLEY	2 3 5
DUMAS 1	2148	DESHA	MISSISSIPPI	33 53	91 30	162	C		7P		41		BEN JOHNSON	2 3 5
DUMAS 2	2150	OESHA	MISSISSIPPI	33 53	91 30	-	C		MID		5		BETTY R. HOLMES	3 4
DURHAM	2176	WASHINGTON	WHITE	35 57	93 59	1243	C		MID		8		ANNIE A. WHITE	3 4
EAGLE GAP	2204	SCOTT	ARKANSAS	34 43	94 19	1150	C		8A		21		MRS. MINA C. RABB	3
EL DORADO	2200	UNION	OUACHITA	33 13	92 40	278	C	7A	7A	47	47		AYLMER H. MC BRIDE	2 3 5
ELKINS	2315	WASHINGTON	WHITE	35 42	92 22	1364	C		6		0		HERBERT S. CLARK	2 3 5
EUREKA SPRINGS	2356	CARROLL	WHITE	36 24	93 45	1465	C	6P	6P	46	46		GEORGE W. NICHOLDS	2 3 5
EVENING SHADE	2366	SHARP	WHITE	36 05	91 37	490	C		7A		8		OPHA WOLFE	3
FAYETTEVILLE	2442	WASHINGTON	WHITE	36 05	94 10	1370	C	*7P	7P	10	10		CHARLES F. FORD	2 3 5
FAYETTEVILLE EXP. STN.	2444	WASHINGTON	WHITE	36 06	94 10	1412	C	5P	5P	60	60		UNIV. OF ARKANSAS	2 3 5
FORDYCE	2540	OALLAS	OUACHITA	33 42	92 22	280	C	5P	5P	16	16		ARK. FOR. COM.	2 3 5
FORMAN	2544	LITTLE RIVER	RED	33 43	94 24	400	C		MIO		7		ESLIE P. CALLONS	3 4
FORESTER	2556	SCOTT	ARKANSAS	34 46	93 49	650	C		7A		7		A. L. MC CRAW	3
FORT CITY	2564	ST. FRANCIS	ST. FRANCIS	35 02	90 46	260	C		MID		8		THOMAS A. MOORE	3 4 5
FORT SMITH WB AP	2574	SEBASTIAN	ARKANSAS	35 20	94 22	458	C	MIO	MID	66	66		U. S. WEATHER BUREAU	2 3 4 5
FORT SMITH WTR PLNT	2578	CRAWFORD	ARKANSAS	35 39	94 09	793	C		7A		10		R. J. SCHOEPE	3
FOUNTAIN HILL	2598	ASHLEY	OUACHITA	33 21	91 50	175	C		8A		5		JETHRO R. OENSON	3

STATION INDEX — Continued

ARKANSAS
NOVEMBER 1948

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. O /	LONG. O /	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
FULTON	2670	HEMPSTEAD	RED	33 37	93 48	260	C		8A		62		INA J. LOGAN	3 7
GARLAND	2710	MILLER	RED	33 21	93 42	250	C		7A		4		L. D. DENNEY	3
GEORGETOWN	2760	WHITE	WHITE	35 07	91 26	200	C		7A		35		J. S. MC DONALD	3 7
GILBERT	2794	SEARCY	WHITE	35 59	92 43	1325	C	7A	7A	22	22		PAUL M. JORDAN	2 3 4 5 7
GLENWOOD	2842	PIKE	OUACHITA	34 20	93 33	547	C		8A		13		CHARLES A. PRICE	3 7
GRANNIS	2908	POLK	RED	34 14	94 20	920	C	7A	7A	22	22		W. E. MC VAY	2 3 5
GRAVELLY	2922	YELL	ARKANSAS	34 53	93 41	498	C		7A		8		HAROLD L. FRIZZELL	3
GRAVETTE	2930	BENTON	ARKANSAS	36 36	94 32	1250	C	6P	6P	50	50		J. A. SCHMIDT	2 3 5
GREEN FOREST	2946	CARROLL	WHITE	36 20	93 26	1350	C		7A		8		OBED B. WILSON	3
GREEN MOUNTAIN	2952	STONE	WHITE	36 02	92 12	1100	C	5P	5P	10	10		U. S. FOREST SERVICE	2 3 5
GREENBRIER	2962	FAULKNER	ARKANSAS	35 14	92 14	360	C		7A		5		J. O. CANTRELL	3
GREENWOOD	2976	SEBASTIAN	ARKANSAS	35 13	94 15	518	C		7A		8		DOROTHY M. BEEN	3
GURDON	3074	CLARK	OUACHITA	33 54	93 09	210	C		7A		0		ROY S. ROBB	3
HAMPTON	3098	CALHOUN	OUACHITA	33 32	92 28	202	C		7A		3		BILL S. WATSON	3
HARDY	3132	SHARP	WHITE	36 19	91 29	362	C		MID		8		T. B. DONALDSON	3 4
HARRISBURG	3160	POINSETT	ST. FRANCIS	35 34	90 44	280	C		MID		7		JOHN D. MAY	3 4
HARRISON	3164	BOONE	WHITE	36 14	93 07	1052	C	6P	6P	47	47		R. C. BEENE	2 3 4 5
HEBER SPRINGS 3 MI. S.W.	3230	CLEBURNE	WHITE	35 28	92 03	-	C		MID		6		WAYNE STARK	3 4
HECTOR	3235	POPE	ARKANSAS	35 28	92 58	555	C		7A		0		NETTIE R. ALTER	3
HELENA	3242	PHILLIPS	MISSISSIPPI	34 32	90 35	200	C	7A	7A	75	75		JAMES A. BURNETT	2 3 5 7
HENOERSON	3258	BAXTER	WHITE	36 22	92 14	498	C		6P		7		DAISY A. PORTER	3
HILLEMANN	3354	WOORUFF	WHITE	35 08	91 05	251	C		6P		5		JOHN B. MAULDIN	3
HOPE	3428	HEMPSTEAD	RED	33 43	93 33	375	C	7A	7A	77	77		UNIV. OF ARKANSAS	2 3 5 6
HOPPER	3438	MONTGOMERY	OUACHITA	34 22	93 41	700	C		7A		0		MRS. LONA A. SHIELDS	3
HORATIO	3442	SEVIER	RED	33 56	94 22	357	C		6A		2		ELIZABETH W. FRIDAY	3
HOT SPRINGS NATL. PARK	3466	GARLAND	OUACHITA	34 31	93 03	630	C	7A	7A	55	55		NATIONAL PARK SERVICE	2 3 5
HUNTSVILLE	3540	MADISON	WHITE	36 05	93 44	1453	C		MID		8		MRS. MAY P. MARKELY	3 4
HUTTIG DAM	3556	UNION	OUACHITA	33 02	92 05	60	C		8A		3		CORPS OF ENGINEERS	3 4
ICELEDO	3570	NEWTON	WHITE	35 52	92 59	1365	C		5P		4		LOY E. HILL	3
INDEX	3584	LITTLE RIVER	RED	33 35	94 03	300	C		8A		23		W. E. MC DOWELL	3 7
JASPER	3600	NEWTON	WHITE	36 01	93 11	857	C		7A		52		MRS. LETTIE D. OAVIS	3
JONESBORO	3734	CRAIGHEAD	WHITE	35 50	90 42	345	C	7A	7A		52		BENEDICTINE SISTERS	2 3 5
KEO	3862	LONOKE	ARKANSAS	34 36	92 00	250	C	7P	7P		5		R. A. WALLER	2 3 5
KINGSLAND	3904	CLEVELAND	OUACHITA	33 50	92 16	214	C		MID		5		CLAUDIE W. HUNTER	3 4
LAKE CITY	3998	CRAIGHEAD	ST. FRANCIS	35 49	90 26	250	C		4P		8		TRESSA ST. CLAIR	3
LAKE LEATHERWOOD	4006	CARROLL	WHITE	36 27	93 46	-	C		MID		3		CECIL E. HILL	3 4
LANGLEY	4060	PIKE	OUACHITA	34 19	93 50	-	C		7P		4		MRS. J. A. GORDON	3
LEAD HILL	4106	BOONE	WHITE	36 24	92 54	650	C	7P	7P	42	42		F. W. KELLOGG	2 3 5
LEE CREEK	4116	CRAWFORD	ARKANSAS	35 42	94 19	1000	C		7A		2		ORPHA W. COCKSEY	3
LEOLA	4134	GRANT	OUACHITA	34 10	92 35	261	C		7A		5		J. R. RHODES	3
LITTLE ROCK WB AIRPORT	4248	PULASKI	ARKANSAS	34 44	92 14	257	C	MID	MID	68	68		U. S. WEATHER BUREAU	2 3 4 5 7
LITTLE ROCK FILT. PLANT	4250	PULASKI	ARKANSAS	34 46	92 19	512	C		MID		3		L. R. WATER WORKS	3
LOCK AND DAM NO. 3	4256	INDEPENDENCE	WHITE	35 51	91 51	370	C		7A		17		ED ANSEL	3
LOST CORNERS	4324	POPE	WHITE	35 54	92 50	1550	C		7A		4		CATH. T. RUSSELL	3
LOUANN	4332	OUACHITA	OUACHITA	33 24	92 48	132	C		6P		4		CHARLES S. CURRAN	3
LURTON	4386	NEWTON	WHITE	35 46	93 05	2007	C		8A		51		I. C. SUTTON	3
LUTHERVILLE	4390	JOHNSON	ARKANSAS	35 29	93 15	775	C	6P	6P	51	51		MRS. H. G. LENHARDT	2 3 5
MADISON	4528	ST. FRANCIS	ST. FRANCIS	35 00	90 43	215	C		7A		17		J. W. EPPES	3 7
MAGNOLIA	4548	COLUMBIA	RED	33 17	93 14	315	C	6P	6P	31	31		STATE AGRI. SCHOOL	2 3 4 5
MALVERN	4562	HOT SPRINGS	OUACHITA	34 22	92 49	311	C		8A		52		JODIE W. MC MULLEN	3
MAMMOTH SPRING	4572	FULTON	WHITE	36 29	91 32	600	C	8A	8A	43	43		CATHERINE S. COX	2 3 5
MARIANNA	4638	LEE	ST. FRANCIS	34 44	90 49	234	C	8A	8A	36	36		UNIV. OF ARKANSAS	2 3 4 5
MARKED TREE	4654	POINSETT	ST. FRANCIS	35 32	90 25	229	C	7A	7A	43	43		MR. WILLIAM M. CRICK	2 3 5 7
MARSHALL	4666	SEARCY	WHITE	35 55	92 43	1050	C	6P	6P	29	29		MRS. MINNIE HORTON	2 3 5
MARVELL	4678	PHILLIPS	WHITE	34 33	90 55	195	C		8A		2		J. O. OWRIE	3
MAUMEE	4696	SEARCY	WHITE	36 03	92 39	749	C		MID		8		NADINE F. DAVENPORT	3 4
MELBOURNE	4746	IZARD	WHITE	36 04	91 54	610	C		7A		3		WALTER E. HALL	3
MENA	4756	POLK	OUACHITA	34 35	94 15	1207	C	7A	7A	59	59		E. W. ST. JOHN	2 3 4 5
MONTICELLO	4900	DREW	OUACHITA	33 35	91 50	250	C	MID	MID	7	7		AIRWAY OBSERVER	2 3 4 5
MONTROSE	4906	ASHLEY	OUACHITA	33 18	91 29	125	C		MID		5		JAMES L. ALSBROOK	3 4
MOROBAY LOCK AND DAM	4934	CALHOUN	OUACHITA	33 19	92 27	85	C		6P		8		CORPS OF ENGINEERS	3 4
MORRILTON	4938	CONWAY	ARKANSAS	35 08	92 44	328	C	7A	7A	31	31		L. A. DICUS	2 3 5 7
MOUNT IDA 1	4988	MONTGOMERY	OUACHITA	34 33	93 37	702	C	6P	6P	48	48		J. S. WHITTINGTON	2 3 5
MOUNT IDA 2	4990	MONTGOMERY	OUACHITA	34 33	93 37	-	C		MID		4		JOHN WALLBRITTON	3 4
MOUNTAIN HOME	5036	BAXTER	WHITE	36 20	92 30	800	C	7P	7P	35	35		H. N. HALBERT	2 3 4 5
MOUNTAIN VIEW	5046	STONE	WHITE	35 52	92 07	768	C		7A		8		W. D. WORTHINGTON	3
MOUNTAINBURG	5056	CRAWFORD	ARKANSAS	35 58	94 10	736	C		6P		10		C. A. LOVELL	3
MULBERRY	5072	FRANKLIN	ARKANSAS	35 34	94 01	500	C		7A		8		HENRY G. ARVIN	3 4
MURFREESBORO	5078	PIKE	OUACHITA	34 04	93 41	367	C		MID		8		ERNEST J. BABBITT	3
NASHVILLE	5112	HOWARD	RED	33 58	93 51	350	C	7P	7P	9	9		BRICE CARRUTH	2 3 5
NASHVILLE S C S	5114	HOWARD	RED	33 57	93 51	373	C		MID		4		SOIL CONSER. SERVICE	3 4
NEWHOPE	5174	PIKE	OUACHITA	34 14	93 50	850	C		7A		8		FLOYD WORD	3
NEWPORT	5186	JACKSON	WHITE	35 36	91 17	225	C	7A	7A	64	64		WILLIS T. MOYER	2 3 5 7
NIMROD DAM	5200	PERRY	ARKANSAS	34 57	93 10	470	C	8A	8A	6	6		CORPS OF ENGINEERS	2 3 4 5 6
NORFORK DAM	5228	BAXTER	WHITE	36 15	92 15	425	C	8A	8A	2	7		CORPS OF ENGINEERS	2 3 4 5 6
ODELL	5354	WASHINGTON	ARKANSAS	35 48	94 24	1500	C		7A		20		MRS. RENZO HURST	3
ODEN	5358	MONTGOMERY	OUACHITA	34 38	93 48	800	C		MID		19		U. S. FOREST SERVICE	2 3 5
OKAY	5376	HOWARD	RED	33 44	93 56	300	C	5P	5P	19	19		J. T. HARGIS	3
OSCEOLA	5480	MISSISSIPPI	MISSISSIPPI	35 43	89 58	250	C		8A		47		C. E. CARTER	3
OWENSVILLE	5498	SALINE	OUACHITA	34 27	92 49	500	C		8A		4		GUY COOK	3
OZARK	5508	FRANKLIN	ARKANSAS	35 29	93 50	396	C	6A	6A	52	52		ORKNEY O. MILTON	2 3 5 7
PARAGOULD	5562	GREEN	ST. FRANCIS	36 04	90 29	275	C	4P	4P	24	24		KOPS	2 3 5
PARKIN	5586	CROSS	ST. FRANCIS	35 16	90 35	222	C		7A		17		CARROLL KING	3 7
PERRYVILLE	5694	PERRY	ARKANSAS	35 00	92 49	325	C	6P	6P	8	8		PAULINE BENNETT	2 3 5
PINE BLUFF	5754	JEFFERSON	ARKANSAS	34 12	92 00	215	C	7A	7A	60	60		MARY T. SCHEU	2 3 5 7
PINE BLUFF CAA	5756	JEFFERSON	ARKANSAS	34 10	91 56	215	C	MID	MID				CAA	3 4
PINE RIOGE	5760	MONTGOMERY	OUACHITA	34 35	93 54	840	C		7A		23		J. R. HUDDLESTON	3
POCAHONTAS	5820	RANDOLPH	WHITE	36 16	90 59	330	C	5P	5P	54	54		BENEDICTINE SISTERS	2 3 5
PORTLAND	5866	ASHLEY	OUACHITA	33 14	91 30	122	C	7A	7A	41	41		MRS. PEARL NEWTON	2 3 5

STATION INDEX — Continued

ARKANS
NOVEMBER 19

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. O /	LONG. O /	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
BRANTLEY	5908	NEVADA	OUACHITA	33 48	93 23	318	C	7A	7A	59	59		R. P. HAMBY	2 3 5
BRANTLEY	5910	NEVADA	OUACHITA	33 48	93 23	800	C	MID	MID	6	7		W. L. MC LEAN	3 4
BRANTLEY	5970	MARION	WHITE	36 16	92 51	463	C	7A	7A	3	3		ONA V. MC LEAN	3
BRANTLEY	6008	LOGAN	ARKANSAS	35 18	93 53	250	C	MID	MID	3	3		LULA MAE WEEKS	3 4
BRANTLEY	6016	MILLER	RED	33 04	94 02	250	C	MID	MID	3	3		ARNICE O. TAYLO	3 4
BRANTLEY	6078	MADISON	WHITE	35 51	93 31	2250	C	7A	7A	5	5		ORVAL F. CALLOWAY	CLOSED 10/4/1
BRANTLEY	6102	HOT SPRING	OUACHITA	34 26	92 54	231	C	MID	MID	8	8		ARK. P. & L. CO.	3 4
BRANTLEY	6174	CLEVELAND	OUACHITA	33 48	92 11	1214	C	7A	7A	32	32		J. H. YANEY	3
BRANTLEY	6214	MADISON	WHITE	36 17	93 40	1387	C	6P	6P	57	57		CLAUDE D. SISCO	3
BRANTLEY	6248	BENTON	WHITE	36 15	94 02	1387	C	6P	6P	57	57		HOWARD FOWLER	2 3 5
BRANTLEY	6352	POPE	ARKANSAS	35 18	93 08	360	C	5P	5P	35	35		U. S. FOREST SERVICE	2 3 5 6
BRANTLEY	6376	ARKANSAS	WHITE	34 23	91 08	200	C	8A	8A	14	14		U. S. BIOL. SURVEY	2 3 5
BRANTLEY	6380	CLAY	ST. FRANCIS	36 27	90 08	300	C	7A	7A	20	20		WILLIAM S. BUCKLEY	3 7
BRANTLEY	6382	CLAY	ST. FRANCIS	35 15	91 44	245	C	7P	7P	37	37		CHARLES W. WALTON	7
BRANTLEY	6506	WH TE	WHITE	35 15	91 44	245	C	7P	7P	37	37		ARTHUR D. SMITH	2 3 5
BRANTLEY	6566	GRANT	OUACHITA	34 27	92 21	290	C	6P	6P	7	7		ARK. FORESTRY COM.	2 3 5
BRANTLEY	6586	VAN BUREN	WHITE	33 38	92 17	600	C	6P	6P	8	8		MAUD H. BRAOFORO	3
BRANTLEY	6624	BENTON	WHITE	36 11	94 33	1150	C	6P	6P	7	7		JOHN BROWN UNIVERSITY	2 3 5
BRANTLEY	6698	LAWRENCE	WHITE	36 05	91 18	450	C	MID	MID	2	2		NORA F. RUOY	3 4
BRANTLEY	6820	LINCOLN	OUACHITA	33 57	91 50	250	C	2P	2P	5	5		R. A. GOYEN	3
BRANTLEY	6856	YELL	ARKANSAS	34 53	93 19	682	C	7A	7A	4	4		T. P. SIMS	3
BRANTLEY	6890	MONTGOMERY	OUACHITA	34 42	93 31	650	C	7A	7A	23	23		S. C. STORY	3
BRANTLEY	6918	ARKANSAS	ARKANSAS	34 29	91 32	214	C	7A	7A	60	60		GEORGE L. CLARK	2 3 5
BRANTLEY	6920	ARKANSAS	ARKANSAS	34 28	91 25	198	C	7A	7A	12	12		UNIV. OF ARKANSAS	2 3 4 5 6
BRANTLEY	6928	LOGAN	ARKANSAS	35 18	93 39	500	C	7P	7P	49	49		NEW SUBIACO ABBEY	2 3 5
BRANTLEY	6940	LOGAN	ARKANSAS	35 04	93 48	500	C	9A	9A	8	8		G. R. FENNELL	3
BRANTLEY	6944	CLEBURNE	WHITE	35 29	91 58	300	C	7A	7A	3	3		SANTFEO REYNOLDS	3
BRANTLEY	7038	COLUMBIA	REO	33 06	93 27	247	C	6P	6P	5	5		YANCY M. NORWOOD	3
BRANTLEY	7048	MILLER	REO	33 27	94 00	368	C	MID	MID	63	63		U. S. WEATHER BUREAU	2 3 4 5
BRANTLEY	7118	CALHOUN	OUACHITA	33 38	92 21	170	C	MID	MID	63	63		HENRY S. SPEER	3
BRANTLEY	7262	POPE	ARKANSAS	35 40	93 05	2087	C	6P	6P	23	23		U. S. FOREST SERVICE	2 3 5
BRANTLEY	7370	CRAWFORD	ARKANSAS	35 26	94 21	115	C	6P	6P	6	6		BEN CORNELUS	7
BRANTLEY	7420	BRADLEY	OUACHITA	33 19	92 09	692	C	7A	7A	7	7		WILLARD K. SHARP	3
BRANTLEY	7450	FULTON	WHITE	36 24	91 59	675	C	5P	5P	28	28		A. F. KING	3
BRANTLEY	7488	SCOTT	ARKANSAS	34 54	94 06	675	C	5P	5P	28	28		WILLIAM D. BIVENS	2 3 4 5
BRANTLEY	7524	INDEPENDENCE	WHITE	35 51	91 21	250	C	6P	6P	7	7		A. H. FAST	3
BRANTLEY	7582	BRAOLEY	OUACHITA	33 36	92 04	206	C	6P	6P	53	53		C. N. TURNER	2 3 5
BRANTLEY	7638	WASHINGTON	ARKANSAS	36 06	94 23	1150	C	MID	MID	3	3		HARRY E. BIRKINSHA	3 4
BRANTLEY	7691	WASHINGTON	WHITE	35 55	94 11	1340	C	MID	MID	8	8		MRS. N. C. THRELKELO	3 4
BRANTLEY	7744	FULTON	WHITE	36 19	91 52	680	C	MID	MID	8	8		THOMAS W. CONE	3 4
BRANTLEY	7812	LITTLE RIVER	RED	33 48	94 03	290	C	7A	7A	11	11		L. M. SNEAO	3 7
BRANTLEY	7772	FRANKLIN	ARKANSAS	35 41	93 57	2285	C	5P	5P	22	22		U. S. FOREST SERVICE	2 3 5
BRANTLEY	7912	MISSISSIPPI	MISSISSIPPI	35 34	90 02	237	C	7A	7A	22	22		O. O. ANDERSON	2 3 5
BRANTLEY	7936	CRAWFORD	ARKANSAS	35 44	94 06	1152	C	MID	MID	8	8		CLYDE F. MEADORS	3 4
BRANTLEY	7950	YELL	ARKANSAS	34 57	93 28	350	C	MID	MID	5	5		MILES B. TURNER	3 4
BRANTLEY	8052	CROSS	ST. FRANCIS	35 13	90 46	260	C	6P	6P	39	39		P. G. QUEENSBERRY	2 3 5
BRANTLEY	8084	MARION	WHITE	36 13	92 41	900	C	7A	7A	3	3		L. E. JOHNSON	3
BRANTLEY	5158	HOWARD	OUACHITA	34 07	93 52	550	C	7A	7A	0	0		EONA J. WESTFALL	3
BRANTLEY	5602	NEWTON	ARKANSAS	35 57	93 15	925	C	MID	MID	8	8		ARTHUR B. CARLTON	3 4
BRANTLEY	0800	NEVADA	OUACHITA	33 41	93 09	360	C	7A	7A	-	-		R. P. PLYLER	3
BRANTLEY	3704	SARLAND	OUACHITA	33 42	93 44	730	C	7A	7A	9	9		MRS. VELMA R. OUNN	3
BRANTLEY	6768	DALLAS	OUACHITA	33 55	92 48	260	C	6P	6P	5	5		MRS. RACHEL M. BUTLER	3
BRANTLEY	3010	LOGAN	ARKANSAS	35 10	93 41	2800	C	7P	7P	0	0		U. S. FOREST SERVICE	2 3 5
BRANTLEY	0458	LOGAN	ARKANSAS	33 52	93 30	2800	C	7A	7A	0	0		MISS BEULAH FRIENO	3
BRANTLEY	0458	LOGAN	ARKANSAS	33 20	92 44	2800	C	6P	6P	0	0		MR. HARDEN L. LILES	3

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Stations appearing in the index, but for which data are not listed in the tables, are either missing or received too late for inclusion in this issue.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Data in Tables 3, 5 and 8 are for the 24 hours ending at time of observation. See the Station Index for observation time.

When hourly precipitation is missing for several days, only the first and last days are shown in Table 4.

When hourly precipitation is accumulated over a period of 3 or more calendar days, with unknown hourly or daily distribution, the first and last days are shown in Table 4.

- No record.
- And also on later dates.
- Amount included in following measurement, time distribution unknown.
- Gage is equipped with a windshield.
- Precipitation measured at 8-hourly intervals, no recording gage.
- This entry in time of observation column in Station Index means "after rain".
- Adjusted to a full month.
- Water-equivalent of snowfall wholly or partially estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- One or more days of record missing; see Table 5 for detailed daily record.
- Station equipped with recording gage only. All amounts in Table 3 are for the non-recording gages, except for stations with this reference.
- Trace, an amount too small to measure.
- Hourly amounts from recording gage at the same site may be found in Table 4.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, river stages in feet, and wind movement in miles.

Data in Table 4 were formerly published in the Hydrologic Bulletin for Lower Mississippi - West Gulf. Amounts in this table are from recording gages. Traces are not shown.

Subscription Price: 35 cents per copy; \$1.50 a year. (Yearly subscription includes Annual Summary). Correspondence regarding subscriptions should be addressed to the Weather Records Processing Center, Room 9 U. S. Court House, Fort Worth 2, Texas.

W.B.O., Ft. Worth, Tex., -- 12/28/48 -- 1275

U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ARKANSAS

DECEMBER 1948

Volume LIII No. 12



Walter C. Hickmon, Section Director - Little Rock

GENERAL SUMMARY

Mild weather characterized most of the month of December in Arkansas, and near-normal precipitation was fairly evenly distributed throughout the month. The Black River at Black Rock and the Lower White were moderately high around the 15th and during the latter half of the month, but no flooding occurred. Except for interruption by showers, the weather during the month was favorable for outdoor work.

Near-normal temperatures prevailed during the first decade; but from the 12th to the 16th warm weather over-spread the state, with record, or near-record, high readings occurring at most stations. Following this warm wave, which brought temperatures in the 80's in the southern counties and readings to the upper 70's to the northern border, there was a reaction to colder weather, the lowest in the state occurring about the 26th.

During the period from the 7th to the 13th, and from the 20th to the 23rd, rainfall was very light and widely scattered, enabling farmers to do some breaking. The remnant of a record-breaking cotton crop was partially picked, but considerable cotton damaged in the fields as frequent showers prevented picking. Rice threshing was completed at the close of the month. Strawberry fields made good growth and winter grains and cover crops were in good condition.

TEMPERATURE

The mean temperature for the month of December was 44.3° which is 1.5° above normal. Monthly means ranged from 51.3° at Magnolia, to 36.1° at Green Mountain, a difference of 15.2° between the Ozarks in the northwest and the southern border of the state. Extremes ranged from 83° at El Dorado on the 13th to 8° at the Batesville Livestock Station on the 26th. Extremes occurred on approximately these dates in most sections of the state.

PRECIPITATION

The average precipitation in December was 4.03 inches, which is only 0.20 inch less than normal. Monthly totals ranged from 8.18 inches at Paragould to 1.41 inches at Dumas. The heavier totals occurred in northeastern counties, while the lighter amounts were in the southern and southeastern counties. There were eleven stations with a trace of snow, but all measurable amounts of precipitation fell as rain. The greatest amount for any day was 4.68 inches at Conway on the 15th. The average number of days with 0.01 inch or more of precipitation was eight.

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U. S. Weather Bureau, Washington 25, D. C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

ARKANSAS
DECEMBER 1948

Station	Sea level pressure extremes—_inches				Wind speed—m. p. h.				Relative humidity averages—percent				Sunshine	Degree days 65° base
	Highest	Date	Lowest	Date	Average	Maximum	Direction of maximum	Date of maximum	1:30 a. E. S. T.	7:30 a. E. S. T.	1:30 p. E. S. T.	7:30 a. E. S. T.	Percent of possible	
ORT SMITH WB AP	30.65	26	29.50	5	9.1	34	W	5	73	77	57	61	54	653
LITTLE ROCK WB AP	30.79	26	29.63	5	9.2	27	NW	16	75	81	65	68	41	599
EXARKANA WB AP	30.67	26	29.68	5		39	WNW	5		76	54	62	16	499

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation			Year	Temperature			Precipitation			Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1991	46.9	72	13	4.69	-	7	1911	43.0	78	3	7.00	1.0	12	1931	48.7	78	17	7.79	T.	14
1992	40.9	83	-10	8.79	0.7	10	1912	41.7	76	8	2.63	1.2	7	1932	39.9	79	-5	7.86	3.6	12
1993	45.4	79	3	1.83	T.	5	1913	43.6	77	14	3.26	2.3	9	1933	49.3	83	11	5.41	0.1	7
1994	44.6	82	-11	3.48	1.3	6	1914	36.1	70	-11	6.26	4.3	12	1934	41.5	74	4	3.78	0.2	9
1995	43.8	78	5	3.96	1.4	7	1915	43.9	78	11	4.73	0.3	7	1935	37.6	73	-4	2.95	2.8	5
1996	45.8	81	8	0.84	T.	8	1916	42.1	82	-16	3.35	4.5	6	1936	45.5	78	13	5.32	T.	9
1997	40.3	81	10	6.00	2.2	8	1917	34.8	81	-21	1.29	6.2	3	1937	42.2	78	0	4.61	0.1	11
1998	39.5	76	-4	1.87	2.9	5	1918	47.6	88	9	5.62	0.2	7	1938	44.6	74	6	2.93	T.	7
1999	41.0	74	8	4.08	1.3	7	1919	40.4	78	1	1.94	T.	5	1939	45.5	84	5	2.46	1.4	5
2000	44.9	82	10	2.76	T.	5	1920	43.2	74	6	5.95	0.4	8	1940	46.7	77	14	3.90	T.	9
2001	38.5	87	-6	4.42	1.3	6	1921	47.1	82	11	2.78	T.	6	1941	44.7	80	14	3.67	0.3	7
2002	40.8	75	5	5.71	3.3	8	1922	47.8	86	12	4.59	T.	9	1942	42.7	80	16	4.87	0.6	10
2003	39.7	74	6	3.44	0.7	6	1923	49.1	80	9	6.24	T.	13	1943	40.7	82	-5	3.43	0.7	7
2004	42.9	80	3	5.10	0.6	7	1924	41.4	86	-8	3.65	0.3	6	1944	38.0	76	4	7.86	0.4	11
2005	38.5	69	7	4.96	1.4	9	1925	40.2	81	-6	1.71	0.3	3	1945	37.7	79	-12	2.25	2.1	7
2006	46.5	83	10	5.64	0.2	8	1926	43.3	79	-3	7.15	2.1	10	1946	48.3	81	4	4.18	0.6	6
2007	44.4	85	11	2.70	0.7	7	1927	40.9	84	-2	4.18	0.1	6	1947	44.2	78	10	4.22	0.2	6
2008	46.0	82	11	1.50	0.2	5	1928	43.4	87	10	4.41	T.	6	1948	44.3	83	8	4.03	T.	8
2009	35.3	82	1	5.26	3.2	9	1929	44.4	82	-5	3.84	2.7	8							
2010	40.8	75	9	3.57	0.8	6	1930	40.6	83	9	2.58	0.9	6	PERIOD	42.8	88	-21	4.23	1.1	8

CLIMATOLOGICAL DATA

Table 2

Station	Temperature							Precipitation										
	Average	Departure from normal	Highest	Date	Lowest	Date	No. of days		Total	Departure from normal	Greatest day	Date	Snow, Sleet, Hail			No. of days		
							Max 90° or above	Min 32° or below					Total	Max depth on ground	Date	01 or more	25 or more	100 or more
ALUM FURN	45.0	1.2	75	13	19	26+	0	15	5.83	2.01	3.21	15	.0			9	6	1
ARKADIELPH A	45.7	1.2	80	14	19	31	0	16	4.11	- 0.93	1.50	16	.0			8	3	0
ASHDOWN	46.5M		80	13	18	30	0	16	2.44		.89	28	.0			10	4	0
BATESVILLE AIRWAY	43.2	2.5	74	12	15	26	0	14	5.36		1.50	15	.0			9	4	3
BATESVILLE LIVESTOCK	41.7		74	13	8	26	0	18	5.98		2.34	15	.0			10	3	3
BEE BRANCH	43.0	1.0	75	13	17	26	0	17	6.33	2.20			.0			6		
BENTON	43.6	1.6	78	14	15	31	0	18	2.62		.96	29	.0			7	3	0
BENTONVILLE	40.2	1.4	76	14+	13	30	0	25	3.30	0.84	1.66	15	.0	T	1+	7	1	1
BETHESDA	42.0		74	13+	12	26	0	17	5.94				.0			7		
BLITHEVILLE	44.0	2.1	76	14	18	26	0	16	5.94	1.63	2.12	17	.0			11		2
CAMDEN 1	47.5	2.2	82	14	20	31	0	14	3.15	- 1.85	.85	29	.0			8	5	0
CAMP CHAFFEE	42.8M		81	14	12	30	0		3.38		2.77	15	.0			6	2	1
CONWAY	45.4	2.4	77	13	20	26+	0	12	6.23	1.92	4.68	15	.0			11		1
CORNING	41.9	2.0	74	13	15	26	0	17	6.36	2.67	2.78	15	.0			8	5	3
CROSSETT	49.5	2.9	76	15	17	31	0	11	2.97	- 2.52	1.25	16	.0			7	2	2
CUMMINS FARM	46.2		79	13	20	26	0	13	3.77		1.03	29	.0			8	5	1
CARDANELLE	42.3	- 0.5	79	14	20	31	0	19	3.88	0.34	1.92	15	.0			7	3	2
DE QUEEN	43.9	- 1.3	78	13	18	31	0	19	2.85	- 1.04	1.50	14	.0			5	3	1
DES ARC	44.3		77	14	20	26	0	17	3.20		1.20	29	.0			9	3	1
DEVILS KNOB	40.4M																	
DOUMAS 1	48.5	2.2	80	13	22	31	0	12	1.41	- 4.63	.52	16	.0			8	2	0
EL DORADO	48.9	1.9	83	14	23	31	0	16	2.68	- 3.78	1.03	29	.0			8	3	1
EVREKA SPRINGS	42.1	2.0	77	13	13	30	0	18	3.42	0.44	1.60	14	.0			5	4	2
FAYETTEVILLE	43.1		75	13+	15	30	0	15	4.38		2.56	14	.T	T	1	6	4	1
FAYETTEVILLE EX S	42.7	2.6	76	13	14	30	0	16	3.83	- 1.05	2.03	14	.T	T	26	7	4	1
FORDYCE	50.2M	4.3	80	13	24	30	0	11	3.62	- 1.36	1.18	29	.0			8	5	1
FORT SMITH WB AIRPORT	43.8	2.0	80	13	20	10	0	15	3.74	0.98	2.09	14	.0			5	4	1
GILBERT	38.6		78	14	10	31	0	28	4.27	0.95	2.15	15	.T			8	3	2
GRAHNS	43.8	- 0.7	77	13	21	29	0	15	4.25	- 0.73	2.35	15	.0			10	1	1
GRAVETTE	42.1	3.6	77	15	12	30	0	21	3.35	0.97	2.10	14	.0			5	1	1
GREEN MOUNTAIN	36.1M				12	26		24	4.54		1.59	15	.0			5	5	2
HARRISON	41.0M	2.4	78	15	13	26	0	21	3.34	0.85	1.63	15	.0			6		2
HARRISON CAA	40.2		78	15	14	26+	0	20	3.53		1.76	14	.T	T	1	8	4	1
HELENA	46.1M	1.9	73	16	23	26+	0	13	3.58	- 1.50	1.65	16	.0			8	4	1
HOPE	47.2	0.4	80	14	22	31	0	15	4.12	- 0.52	1.70	16	.0			7	4	1
HOT SPRINGS	47.2	2.8	79	12	21	26	0	11	3.80	- 0.83	1.66	15	.0			11	3	1
JONESBORO	42.3	1.0	72	12+	16	26+	0	16	6.63	2.25	2.95	16	.0			10	4	3
KEO	46.6		80	13	21	26	0	13	2.52		.78	15	.0			9	4	0
LEAD HILL	40.3	0.9	79	13	11	26	0	21	3.68	0.68	1.52	14	.T			7		
LITTLE ROCK WB AP	45.9	1.7	78	13	21	26	0	12	2.70	- 1.44	1.04	28	.T			8	4	1
LUTHERVILLE	45.3	3.7	78	13	18	26	0	13	5.32	1.14	1.61	15	.0			9	4	3
MAGNOLIA	51.3	2.4	83	13	22	31	0	9	2.25	- 3.49	.96	29	.0			6	3	0
MALVERN	46.2		79	14	19	31	0	15	2.70		.99	30	.0			8	4	0
MAMMOTH SPRING	41.3M	2.0	77	15	11	26	0		4.80	1.53	2.30	15	.0			5	3	3
MARIANNA	46.1	2.2	75	13	18	31	0	15	2.84	- 1.79	.87	29	.0			8	3	0
MARKED TREE	43.6	2.9	77	14	18	26+	0	16	3.66	- 0.88	1.66	16	.0			7	5	2
MARSHALL	42.2	1.0	77	13	15	26	0	20	4.83	1.10	1.50	24	.0			8	4	2
MENA	44.9	2.1	76	13	20	30	0	12	3.87	- 0.12	1.81	15	.T			7	4	2
MORRILTON	43.3	- 0.3	76	13+	20	27	0	16	4.88	0.84	2.12	16	.0			6	4	2
MOUNT IOA 1	45.2M	2.2	76	13	15	8+	0		5.77	1.44	3.62	15	.0			7	5	1
MOUNT MAGAZINE	40.4		70	13	10	30	0	16	2.67		1.04	15	.0			7	4	1
MOUNTAIN HOME	41.1	1.2	75	13	12	26	0	19	5.40	1.86	2.70	14	.0			7	5	2
NASHVILLE	46.3M		80	14	20	31	0	15	2.83		.98	16	.T			6	3	0
NEWPORT	44.4	2.2	75	12	18	26	0	15	4.77	0.67	2.18	16	.0			9	4	2
NIMROD DAM	42.8		77	13	16	31	0	18	3.80		1.72	15	.0			5	3	2
NORFORK DAM	40.3		76	14	13	8+	0	22	4.50		2.65	15	.0			8	5	1
ODEN	45.4M		76	13	20	10+	0		3.35	- 0.88	1.47	14	.T			5	5	1
OKAY	48.3M	1.7			20	31	0	16	2.11	- 3.04	.65	15	.0			9		0
OZARK	42.1	0.3	80	14	19	31	0	15	5.25	1.85	3.15	15	.0			6	4	2
PARAGOULD	43.7		72	13	16	26	0	12	8.18	3.80	3.65	15	.0			10	4	3
PERRYVILLE	44.5	2.7	75	12+	23	25	0	20	3.74	- 0.24	2.00	16	.0			3		
PINE BLUFF	48.4	3.3	82	13	23	26	0	10	3.25	- 2.02	.99	29	.0			8		0
PINE BLUFF CAA	46.9		79	13	22	31	0	15	3.10		1.06	28	.0			8	5	1
POCAHONTAS 1	42.7	2.4	74	12	12	26	0	19	6.65	2.85	2.33	15	.0			11	6	2
PORTLAND	50.6M	3.4			21	31		17	3.66	- 2.13	1.65	16	.0			6	3	2
PRESCOTT	45.7	0.3	80	14	22	26+	0	19	3.05	- 1.61	.91	16	.0			6	4	0
ROGERS	42.3	3.1	77	15	12	30	0	16	5.07	2.63	1.80	14	.0			6	4	2
RUSSELLVILLE	44.7	2.9	79	13	18	31	0	14	4.22	0.87	1.60	15	.0			8		2
SAINT CHARLES	46.4		79	14	22	26	0	14	3.73		1.75	17	.0			6	5	2
SEARCY	44.5	1.7	76	13	20	26+	0	13	3.27	- 1.34	1.44	29	.0			13		1
SHERIDAN	43.5M		79	13	17	31	0	22	3.43		1.35	15	.0			7	3	2
SILAM SPRINGS	43.5		78	13+	14	30	0	18	2.91		1.58	14	.T	T	25	4	1	1
STUTTGART	46.2	2.2	79	13	22	26	0	13	3.53	- 1.49	1.52	29	.0			8	5	1
STUTTGART RESE	46.4	3.2	78	14	23	26+	0	14	2.83	- 2.47	.97	29	.0			8	4	0
SUBIACO	44.2	1.2	78	13	22	10+	0	14	3.60	0.17			.0			6		
TEXARKANA WB AIRPORT //	49.7	2.8	80	13	26	31	0	11	3.07	- 1.54	.98	14	.0			10	3	0
TURNPIKE	39.9		73	13	12	26	0	21	7.04	2.83	2.37	15	.0			11	6	1
WALORON	44.2		80	13	15	31	0	15	2.63	- 0.97	1.00	15	.0			6	4	1
WHITE ROCK	41.5		72	13	16	26	0	17	5.24		2.32	14	.0			5	4	3
WYNNE	45.9M	3.6	73	13	19	26	0		3.31	- 1.67	1.43	15	.0			9	3	2
STATE	44.3	1.5							4.03	- 0.20								

DELAYED DATA

JUNE 1948																		
WARREN	81.6	2.2	98	14+	58	3	24	0	1.58	- 2.10	.77	29	.0			3	3	0
JULY 1948																		
WILSON	81.1M	0.3	97	8	59	3												
AUGUST 1948																		
WARREN	80.7	- 1.2	98	13	61	31	21	0	4.79	1.38	2.52	8	.0			5	3	2
WILSON	78.8	- 0.6	97	25+	58	6	18	0	1.30	- 1.97	.65	14+	.0			2	2	0
OCTOBER 1948																		
MARSHALL	58.8	- 2.6	82	1	24	18	0	5	3.19	0.11	1.51	17	.0			4	3	2
ODEN	61.7M		85	13+	28	18												
NOVEMBER 1948																		
CAMDEN 1	52.1	- 1.3	81	5	25	30	0	9	9.84	5.83	3.09	16	.0			12	10	4

ARKANSAS

Table 3

See reference notes following Station Index

Table 3--Continued

Table 4

ARKANSAS

DECEMBER 1948

Table 4-Continued

See reference notes following Station Index.

HOURLY PRECIPITATION

Table 4-Continued

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
DAISY			.04					.03	.10	.06	.14	.05	.02	.08	.07	.03									.52
DANVILLE																									1.05
OENVER	.01				.03				.10			.50	.40		.05										.16
DUMAS 2																									.30
DURHAM			.04	.10	.06													.11	.08	.06	.03	.01	.01		.20
FDREMAN										.23	.21	.03	.03	.01	.03	.01	.04	.01							.60
FORREST CITY																	.02	.02	.04	.92	.01	.13	.03		1.21
FDRT SMITH WB AIRPORT			.77	.04																					.81
GILBERT		.05	.17	.03	.17	.05																.03	.07		.57
HARRISDN CAA	*	*	*	*	*	*	.32																		
HUNTSVILLE	.03			.02		.03																			.08
HUTTIG DAM										.03					.07		.05	.13	.05	.07	.48	.60			1.55
LITTLE RDCK WB AP													.02	.05	.13		.03	.03		.01	.01				.28
MAGNDLIA											.18	.07	.15					.10		.05		.05			.60
MARIANNA		.01												.05						.02	.12	.03			.26
MAUMEE		.05	.24	.08	.20	.07			.07								.03								.97
MENA			.05	.03			.20	.20				.05		.20	.20							.20			.93
MDNTICELLO																	.01	.04	.16	.09	.05	.05	.01	.03	.04
MORDBAY L D 8														.04	.01			.19	.16	.16		.06	.07	.01	.70
MOUNTAIN HDME	.02	.02	.14	.10	.20																	.25	.02	.01	.76
NIMROO DAM			.01	.04	.06	.02	.04	.03	.18	.39	.01	.04	.16	.22	.30	.01				.02					1.53
NDRFDRK DAM			.17	.15	.47	.10	.02																		1.18
PARTHENDN	.03	.08	.09	.25	.01	.13	.06	.02	.01													.27			.83
PINE BLUFF CAA													.04	.01	.05				.01	.22	.02	.03	.01		.39
PRESCOTT SCS												.14	.01			.03		.22	.40	.09	.11				1.00
PYATT	.15	.02		.08	.12			.05												.10	.03				.55
RAVANA												.37	.03	.05			.05		.03	.02					.55
REMMEL DAM					.03	.04			.02			.03	.03	.19	.99		.04	.03	.02					.25	1.42
SMITHVILLE				.03	.03	.16	.40	.01		.01	.15	.18			.03	.07	.02								1.34
STUTTIGART 9ESE	.05	.10											.02	.01	.04				.09	.17	.03				.51
TEXARKANA WB AP //								.01	.01		.01	.01	.07				.01	.01	.14	.25	.41				.84
WALDRON	.02	.01	.02	.21	.05	.03	.09	.10	.01	.01	.24	.01	.07												.88
WEST FDRK			.11																						.11
WINFREY		.02	.58	.05	.01															.01					.67
WING	.01	.02	.02	.04		.02	.04		.10				.10	.14	.14	.02	.03			.02					.70
-16th-																									
ALUM FORK			.25	.32	.03																				.60
ALY		.02	.05	.01																					.08
ARKADELPHIA				.07	.08																				.15
AUGUSTA	*	*	*	*	*	*	2.36																		2.78
BATESVILLE L D 1				.15																					.15
BEEBE				.04	.06		.03						.04												.17
BDDNEVILLE			.02																						.02
BDTKINBURG		.10																							.10
BRINKLEY //						.05																.02			.05
CAMDEN 2										.04							.03	.02					.02		.04
CANAAN																									.06
CARPENTER DAM			.03																.01	.08	.01			.03	.10
DAISY																									.25
DANVILLE		.15	.10																						
DUMAS 2				.30	.01	.04			.05																
FDREMAN																									
FORREST CITY				.01	.08	.01	.08																		.18
HUTTIG DAM		.02																							.02
LITTLE RDCK WB AP					.58														.01						.59
MARIANNA						.05	.15																		.20
MENA	.40																								.40
MDNTICELLD	.02	.21	.05	.15	.01	.01				.02															.05
MORDBAY L D 8	.01		.02																						.08
NIMRDD DAM			.05						.03																.15
PINE BLUFF CAA		.01	.03	.11													.04	.13							.17
REMMEL DAM																									.05
SMITHVILLE	.03	.02																							.09
STUTTIGART 9ESE					.09																				.01
TEXARKANA WB AP //										.01															.20
WING		.10	.10																						
-17th-																									
CAMDEN 2	.01		.05	.02	.03				.03	.02		.02	.17	.02	.03			.02	.03			.05	.02	.01	.18
HUTTIG DAM													.03	.02	.01										.04
MAGNDLIA														.04	.05	.01			.01	.01	*	.04	.03	.01	.20
MDNTICELLD																									.04
MORDBAY L D 8																									.05
PINE BLUFF CAA																									.18
PRESCOTT SCS											.05														.02
RAVANA																		.03	.02	.03	.02				.18
REMMEL DAM																									.13
TEXARKANA WB AP //										.02	.02	.05	.02									.01	.01		.02
-18th-																									
ARKADELPHIA					*																				

ARKANSAS

DECEMBER 1948

- 180 -

HOURLY PRECIPITATION

ARIZONA
DECEMBER 1948

Table 4-Continued

Station	A. M. Hour ending												P. M. Hour ending												Total	
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12		
DENVER						.02	.02					.02		.02	.02	.02									.12	
OURAM 2	.04	-	-	-	-	-	-		.03	.01	-	-	.11	.03	.06	.01	.03	.01				.18	.42	.26	.09	.33
FOREMAN											.02		.01			.03	.12	.43							.61	
FORREST CITY																				.26	.24	.36	.06		1.27	
FORT SMITH WB AIRPORT						.02						.01	.08	.01	.11	.03	.01								.27	
GILBERT	.05							.03					.02	.07	.03	.03	.05	.05							.30	
HAROT	.08	.06	.01								.05					.05	.26	.15	.08	.17	.02	.07	.04		1.04	
HARRISON CAA	*	*	*	*	*	*	.19	*	*		*	*		*	*	*	*	*	.15							
HUNTSVILLE	.01		.01			.02	.03				.04	.01	.01	.03	.03	.01									.20	
HUTTIG OAM																					.05	.95	.25	.10	1.35	
LITTLE ROCK WB AP									.01	.01	.03		.03	.01	.01	.01	.10	.18	.24	.35	.06				1.04	
MAGNOLIA																	.05		.55	.25	.03				.90	
MARIANNA																			.25	.10	.20	.20	.07		.82	
MAUMEE	.02	.08	.02					.04	.01					.10	.02	.06	.06	.06							.47	
MENA							.02	.01	.03		.02	.03	.02	.05	.08	.17	.15	.03							.61	
MOROBAY L O 8																					.40	.33	.27	.02	1.02	
MOUNTAIN HOME				*	*	*	*	*	*	*	*	*	*	*	*	*	*	*							.47	
NIMROD OAM																		.42							.42	
NORFOLK OAM																									.49	
PARTHENON	.02							.01	.02			.01	.02	.02	.03	.05	.04	.06	.06	.05					.30	
PINE BLUFF CAA																									.90	
PRESCOTT SCS										.02	.01	.02		.03	.02		.14	.26	.30	.05	.16	.27	.30	.17	.90	
PYATT	.01				.02									.01	.04		.02	.02	.01						.85	
REMMEL OAM														.03	.01	.05	.11	.18	.34	.19	.01				.96	
SMITHVILLE	.06	.09	.03	.01	.02				.04	.01				.05	.05		.19	.10	.21	.18	.08	.04			1.16	
STUTTGART 9ESE																			.07	.13	.32	.30	.10		.92	
TEXARKANA WB AP																.09	.20	.27	.10						.66	
WALORON							.03	.02	.01	.04	.15	.15	.05	.03	.07	.05	.08	.08	.02						.28	
WEOINGTON LAKE		.01		.02	.01	.02	.03	.02	.01	.01	.08	.12	.11	.06	.04	.04	.05								.60	
WEST FORK											.01	.02	.06	.01	.25	.20	.05	.05	.07	.06	.02				.60	
WHEELING																									.80	
WINFREY	.03		.01		.05	.04	.01		.01	.09	.04	.15	.13	.17	.12	.05									.90	
WING								.05	.01	.01	.01	.01		.02	.01	.04	.14	.18	.02						.50	
-29th-																										
APPLETON	*	*	.52																						1.01	
AUGUSTA	*	*	*	*	*	*	1.20																		1.25	
BEAR CREEK LAKE	.01																								.01	
OURAM 2			.02																						.02	
-30th-																										
BOTKINBURG	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-
-31st-																										
ALICIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BOONEVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BOTKINBURG	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.18	1.18
CLARKSVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HARRISBURG	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HEBER SPRINGS 3SW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KINGSLAND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LAKE LEATHERWOOD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MONTICELLO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MONTROSE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MOUNT IOA 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MURFREESBORO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NASHVILLE SCS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

DELAYED DATA

JUNE 1948	-23d-																								Total
ALICIA													.40	.02	.01			.02			.31	.04			
ALICIA							.05	.02	.02	-24th-															.09
ALICIA										-25th-															.25
ALICIA										-26th-															.03
ALICIA										-27th-															.55
ALICIA							.10	.20	.10	.10	.04	.01	-28th-												.95
CLARKSVILLE			.04	.03	.07	.17	.03						.37	.03		.50					.05				.74
ALICIA										-29th-															.25
CLARKSVILLE		.08	.10	.05	.01	.01				.23	.25	.02		.03											.53
AUGUST 1948	-8th-																								Total
CLARKSVILLE	.38	1.25	.02	.06	.07	.07	.18			.05	.03	.01	.01												.13
CLARKSVILLE							.05	.08	.27	.40	.08	.02	-9th-												.90
CLARKSVILLE							.13	.12	.80	.10	.20	.05	.03	-11th-											1.43

See reference notes following Station Index.

HOURLY PRECIPITATION

ARKANSAS
DECEMBER 1948

Table 4-Continued

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
													-12th-												
CLARKSVILLE						.03	.12	.04	.01																.20
													-22d-		.07										.07
CLARKSVILLE													-25th-						.17	.03					.20
FOREMAN													-26th-						.13						.13
FOREMAN													-3d-												
OCTOBER 1948 CLARKSVILLE													-19th-				.16	.17	.02						.35
ALICIA CLARKSVILLE													-20th-												
CLARKSVILLE	.	.	.	.	.	.	.	.	.	.	.	3.75													3.75
CLARKSVILLE						.15		.10	.03	.02			-28th-												.30
ALICIA													-30th-		.05	.04	.01			.14	.15	.16	.10		.65
ALICIA	.20	.25	.08	.01	.01			.02	.03				-31st-												.60
													-4th-												
NOVEMBER 1948 HEBER SPRINGS 3SW													-5th-									.05	.14	.11	.30
HEBER SPRINGS 3SW	.10	.05											-9th-												.15
HEBER SPRINGS 3SW						.05			.10	.15	.17	.13	.08	.07	.04	.01									.80
HEBER SPRINGS 3SW	.01	.07	.02	.04	.04	.02		.01	.03				-12th-												.28
HEBER SPRINGS 3SW			.01	.02		.07	.15	.38	.07	.20	.03		-16th-												.93
HEBER SPRINGS 3SW													-18th-			.92	.21	.03	.01						1.17
HEBER SPRINGS 3SW													-21st-	.03	.06	.01	.01			.02					.13
HEBER SPRINGS 3SW			.15					.01	.01				-26th-			.02	.02								.21
HEBER SPRINGS 3SW HUNTSVILLE						.10	.05		.10	.02	.03	.06	.04	.04	.11						.05	.10	.09	.03	.27 .55
HEBER SPRINGS 3SW HUNTSVILLE	.02			.01					.15 .01	.09 .01	.01	.05	.05	.01	.01	.02 .01	.01		.01		.01				.44 .03
HEBER SPRINGS 3SW								.02	.03				-30th-												.05

DAILY TEMPERATURES

ARKANSAS
DECEMBER 1948

Table 5

Station		Day of month																															Average	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ALUM FORK	MAX MIN	58 28	58 28	57 40	58 36	63 37	60 26	54 24	59 25	50 26	47 29	57 28	74 45	75 60	72 60	72 46	71 38	67 38	46 44	48 25	58 35	56 39	53 34	53 34	45 32	43 33	46 19	47 19	47 39	54 33	47 27	48 20	56.4 33.5	
ARKAOELPHIA	MAX MIN	61 21	62 26	55 35	59 35	66 39	65 25	64 25	63 24	55 25	55 24	53 24	64 29	78 50	80 54	74 65	71 57	58 46	51 42	48 42	54 27	60 27	58 40	55 39	51 38	43 36	40 24	34 24	48 28	56 36	45 27	51 19	57.3 34.0	
ASHDOWN	MAX MIN	60 29	65 32	64 33	69 39	77 21	62 26	22	55 25	55 20	52 22	65 39	77 65	80 65	74 60	73 48	60 43	51 39	50 23	54 24	51 42	64 41	57 41	52 35	48 38	42 30	40 28	49 30	58 33	45 24	50 18	54 19	58.4 34.6	
BATESVILLE AIRWAY	MAX MIN	55 25	53 34	58 41	57 38	63 35	59 27	55 37	42 23	50 24	41 22	60 31	74 56	72 52	69 65	68 63	67 40	50 35	46 38	46 30	59 30	56 36	48 35	46 35	35 32	37 22	27 15	27 27	45 36	52 33	40 24	46 19	52.2 34.1	
BATESVILLE LIVESTCK	MAX MIN	60 23	57 23	54 31	58 33	63 39	64 23	59 36	52 19	43 21	49 17	42 25	63 49	74 56	72 66	68 38	67 30	54 36	52 35	45 25	51 31	58 33	51 33	49 30	35 28	35 8	34 16	46 32	53 31	38 21	45 18	53.0 30.4		
BEE BRANCH	MAX MIN	58 25	52 30	57 39	56 33	56 49	58 35	55 31	45 22	49 26	47 24	52 26	72 52	75 44	71 54	66 58	63 40	52 35	48 37	50 31	56 28	56 30	55 38	50 35	45 32	37 29	31 17	42 25	46 33	47 31	42 22	47 19	52.8 33.5	
BENTON	MAX MIN	60 23	60 26	49 32	60 35	66 35	65 23	61 28	62 21	52 22	53 8	48 33	53 36	75 54	78 65	74 75	70 51	54 40	52 33	51 30	60 29	50 30	52 60	53 37	50 32	45 33	40 25	34 20	49 36	56 40	48 15	55.5 31.7		
BENTONVILLE	MAX MIN	55 22	58 29	50 32	63 31	61 42	47 26	57 28	46 24	47 25	46 17	49 18	59 38	70 38	76 48	68 61	76 31	53 30	52 32	47 28	43 28	54 29	55 29	50 33	45 30	35 24	32 17	30 18	48 30	52 26	29 13	42 15	51.5 28.8	
BETHESOA	MAX MIN	60 23	56 25	54 31	58 32	63 39	64 23	59 37	52 18	43 21	49 18	40 22	64 35	73 43	74 57	69 64	68 38	55 36	50 27	46 31	57 29	57 34	50 34	47 30	39 29	37 12	35 15	43 33	53 34	37 27	41 15	53.3 30.7		
BLYTHEVILLE	MAX MIN	58 30	60 33	50 42	56 41	64 41	64 31	60 32	58 25	42 28	51 23	42 23	60 32	70 53	76 59	68 65	70 50	50 35	49 35	65 42	51 32	52 36	60 36	49 34	45 34	35 30	38 18	32 22	44 30	52 32	40 29	40 22	53.3 34.7	
BOONEVILLE	MAX MIN	53 35	33		51 34	56 32	53 34	57 33	53 30	51 30	54 19	55 35	68 34	72 33	63 34	60	53 34	51 32																-
BRINKLEY	MAX MIN	60 27	60 34	61 41	61 40	66 54	61 28	61 38	52 24	52 25	45 24															39 30	32 20	47 27	59 37	59 34		49 20		-
CAMOEN 1	MAX MIN	62 25	64 25	63 36	63 35	67 37	67 26	63 24	62 24	57 24	54 24	54 33	65 52	77 62	82 65	76 64	73 47	66 44	53 44	51 44	56 27	61 29	71 46	54 39	53 38	48 41	45 23	34 23	47 33	62 36	47 27	50 20	59.5 35.4	
CAMP CHAFFEE	MAX MIN	59 28	62 31	50 34			69 22	64 30	51 19	48 20	50 17	52 23	67 31	76 36	81 41	69 62	80 42	61 38	55 41	49 24	47 23	58 23	59 33	55 38	55 38	46 32	40 20	31 25	51 28	55 33	37 12	45 17	55.9 29.7	
CONWAY	MAX MIN	60 25	51 31	62 41	60 37	65 49	62 26	59 35	50 23	53 22	48 28	58 54	75 47	77 48	72 63	69 45	66 53	53 37	49 41	49 27	60 35	53 38	52 35	50 37	47 34	40 20	34 27	47 40	54 46	47 26	49 20	55.6 35.1		
CORNING	MAX MIN	58 26	56 28	58 34	56 37	60 42	65 30	59 31	53 22	43 26	50 21	42 21	61 34	74 45	71 54	71 66	67 42	53 33	48 37	41 37	40 29	55 32	59 35	46 35	43 32	33 29	34 15	29 19	43 29	53 36	38 25	42 20	51.6 32.2	
CROSSETT	MAX MIN	64 25	61 33	60 40	67 36	60 48	68 25	68 37	59 25	56 24	53 23	64 25	75 60	75 63	76 55	71 45	57 45	53 45	60 45	61 24	71 40	66 52	57 35	56 39	56 37	47 36	38 25	45 31	63 41	63 38	48 17	54 14	61.0 38.0	
CUMMINS FARM	MAX MIN	58 26	57 32	58 42	63 36	63 51	57 26	69 34	53 25	50 26	45 25	58 24	72 51	79 53	72 61	74 64	69 47	51 42	50 41	52 40	58 26	62 36	53 43	52 33	46 35	40 35	33 20	47 26	61 38	59 34	42 20	50 20	56.5 35.9	
OARDANELLE	MAX MIN	60 24	61 24	46 24	58 36	64 36	61 28	63 27	56 23	47 23	55 23	49 21	64 21	77 36	79 43	71 45	60 59	60 39	53 38	47 25	49 61	65 25	55 33	53 34	48 36	40 34	40 23	42 21	47 27	53 25	42 20	55.1 29.4		
OE QUEEN	MAX MIN	48 25	55 31	53 31	68 31	62 24	6 24	53 30	52 23	52 24	50 23	62 31	64 46	78 54	72 62	71 55	64 46	55 42	50 42	52 24	40 23	51 38	56 38	54 40	45 35	43 34	38 25	45 26	55 32	45 25	51 20	52 18	54.7 33.0	
DES ARC	MAX MIN	59 26	58 26	60 34	63 36	62 37	64 30	58 24	60 25	48 24	51 26	50 21	61 28	75 54	77 62	75 49	72 39	55 37	52 39	47 39	46 29	58 30	53 39	50 35	48 35	37 32	38 20	32 23	45 30	58 44	40 21	52 18	54.6 33.9	
DEVILS KNOB	MAX MIN				54 31	57 34	56 27	52 25	46 27	48 26	49 24	47 27	64 33	66 40	70 55	68 60	63 32	64 36	50 27	48 21	53 29	55 32	57 33	55 35		39 21	29 12	39 16	45 30	45 25	38 14	38 12	51.7 29.0	
OUMAS 1	MAX MIN	61 27	61 34	59 45	65 40	62 50	58 30	62 38	53 26	58 27	52 26	60 26	75 55	80 66	73 64	75 65	65 49	53 42	52 46	54 40	60 30	65 44	65 36	56 36	49 38	40 32	34 23	49 40	61 34	61 35	43 29	53 22	58.5 38.5	
EL DORADO	MAX MIN	63 27	66 29	63 39	62 39	66 44	63 28	63 29	69 27	60 27	57 25	57 26	65 36	77 58	83 62	76 65	70 63	68 46	52 42	52 43	60 28	62 29	75 49	57 32	60 37	55 25	44 25	35 25	48 31	64 34	51 23	53 20	61.2 36.5	
EUREKA SPRINGS	MAX MIN	57 32	49 38	59 38	60 34	59 49	56 50	51 30	42 32	45 26	49 17	55 35	69 52	77 51	68 74	55 61	68 35	49 32	40 40	44 32	53 35	52 38	55 47	43 34	40 29	33 24	27 17	35 24	52 34	51 31	39 22	51.4 32.7		
FAYETTEVILLE	MAX MIN	58 23	51 43	62 35	59 46	61 38	57 29	51 32	48 22	45 27	47 18	57 36	71 49	75 51	67 61	75 61	61 33	56 35	47 42	44 28	53 32	54 32	50 34	48 36	43 33	35 25	30 18	44 27	51 30	50 27	40 15	40 18	52.6 33.6	
FAYETTEVILLE EX S	MAX MIN	58 24	51 42	64 33	59 43	56 40	57 30	53 27	47 22	46 22	48 17	58 37	73 48	76 68	60 75	63 33	69 33	56 49	4															

DAILY TEMPERATURES

ARKANSAS

DECEMBER 1948

Table 5-Continued

Station		Day of month																															Average	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
KEO	MAX MIN	60 26	54 31	60 42	64 36	64 52	61 29	61 35	51 23	52 27	46 23	60 28	76 54	80 53	75 64	73 66	69 51	54 40	49 40	49 38	59 28	53 37	52 42	50 35	47 36	40 30	31 21	48 27	58 41	58 35	48 27	50 22	56.5 36.7	
LEAO HILL	MAX MIN	60 18	45 27	58 36	60 26	62 40	60 21	49 24	42 16	50 18	46 12	53 27	74 42	79 65	60 44	78 60	65 51	51 38	48 28	45 26	58 28	58 23	49 37	45 33	41 25	34 11	26 25	41 25	50 30	50 30	43 18	42 12	52.5 28.1	
LITTLE ROCK WB AP	MAX MIN	57 30	51 34	61 40	62 36	64 40	62 30	59 37	49 27	51 31	44 26	62 31	76 56	78 49	74 67	72 67	68 47	50 41	48 40	48 33	58 29	51 36	50 39	48 36	43 35	38 27	30 21	47 28	57 41	52 34	45 29	48 24	54.9 36.8	
LUTHERVILLE	MAX MIN	57 30	57 34	52 40	55 37	61 35	60 25	55 36	51 27	51 27	48 22	54 26	71 37	78 59	75 61	69 64	67 46	65 37	64 38	62 34	60 28	58 36	55 40	54 38	53 33	52 28	52 18	42 22	48 34	50 25	45 22	47 22	57.0 33.6	
MAGNOLIA	MAX MIN	64 41	66 43	67 35	65 45	66 53	63 30	65 40	60 30	55 28	56 31	65 33	79 61	83 60	78 66	74 65	69 55	57 45	51 44	55 45	62 29	75 45	67 46	54 40	54 43	44 36	39 27	31 21	47 31	61 43	63 34	52 26	55 22	61.6 41.0
MALVERN	MAX MIN	60 27	60 30	51 36	60 37	67 38	63 26	61 29	62 24	52 28	53 25	49 29	64 32	76 57	74 65	74 54	55 41	51 41	49 25	52 30	58 41	55 38	51 33	53 40	59 41	62 41	49 26	35 28	49 34	51 35	40 26	48 19	57.0 35.3	
MAMMOTH SPRING	MAX MIN	56 24	55 22	55 23	58 26	59 25	57 24	60 23	59 18	50 18	49 17	46 17	71 24	76 30	77 32	69 37	65 30	60 29	59 19	60 21	64 30	69 24	61 30	59 24	59 21	40 11	40 12	45 12	49 32	50 32	50 13	57.6 24.9		
MARIANNA	MAX MIN	62 26	63 30	62 45	60 40	63 43	58 27	59 34	52 25	51 23	44 23	60 33	73 55	74 61	74 65	67 57	57 41	56 40	48 28	57 40	57 30	50 41	47 34	65 37	47 34	41 29	49 29	59 35	45 21	48 18	56.9 35.3			
MARKEO TREE	MAX MIN	58 27	59 29	59 35	59 38	60 39	65 31	59 32	57 24	46 27	50 23	42 24	61 33	73 49	77 60	70 65	71 52	54 36	50 36	46 40	42 30	57 31	57 35	48 34	46 34	39 30	38 18	30 18	45 30	57 37	43 27	39 21	53.5 33.7	
MARSHALL	MAX MIN	59 23	57 33	63 40	57 42	62 41	59 27	52 34	45 19	48 19	48 16	52 31	76 30	77 31	70 62	72 67	66 37	58 29	47 32	48 26	57 39	56 28	49 34	49 34	41 30	32 26	27 15	42 24	50 34	48 29	43 17	43 20	53.2 31.1	
MENA	MAX MIN	59 28	50 35	65 34	59 41	64 43	60 26	49 39	54 26	48 26	52 22	57 36	76 56	69 52	70 63	67 44	49 40	46 40	48 34	58 27	57 39	54 38	48 37	44 34	38 29	33 23	46 24	51 40	51 30	47 20	46 24	53.9 35.9		
MONTICELLO	MAX MIN	61 33	58 43	60 45	64 46	62 43	60 31	63 34	54 32	49 30	63 34	72 58	78 61	73 65	75 65	66 49	53 46	51 31	56 31	58 27													-	
MORRILTON	MAX MIN	59 27	59 27	48 35	61 38	65 39	59 27	62 29	57 25	47 26	52 23	46 24	76 35	76 43	70 64	67 48	56 38	51 37	47 40	47 27	60 28	51 38	52 37	48 35	39 34	38 21	30 20	46 26	54 26	38 26	47 24	53.9 32.6		
MOUNT IOA 1	MAX MIN	60 16	50 24	55 31	63 34	61 33	58 37	58 33	53 16	53 15	58 38	62 40	73 44	74 52	70 61	72 60	69 52	58 26	52 26	58 18	57 38	58 31	56 30	48 33	52 31	48 17	48 20	50 40	50 30	52 39	51 39	58.3 32.0		
MOUNT MAGAZINE	MAX MIN	50 37	45 39	49 38	52 45	58 37	51 32	47 36	38 29	40 28	40 27	49 30	65 47	70 58	64 61	63 60	62 43	44 34	46 35	42 25	50 24	53 41	45 36	40 28	37 26	35 24	26 17	22 31	47 21	46 10	34 24	35 24	47.1 33.7	
MOUNTAIN HOME	MAX MIN	55 24	47 28	48 41	57 31	61 41	58 49	40 30	49 20	42 17	53 32	73 46	76 39	66 55	71 63	65 36	50 31	45 37	43 34	57 25	58 33	49 31	44 36	40 31	35 26	30 20	44 25	46 34	50 30	42 18	43 13	51.1 31.1		
NASHVILLE	MAX MIN	59 27	59 31	60 32	63 33	68 48	63 24	63 33	53 24	55 27	51 26	67 38	77 49	80 56	73 64	71 57	58 47	51 43	47 38	54 24	59 27	62 44	55 40	50 40	44 35	44 25	35 27	47 31	56 33	55 25	50 20	57.3 35.2		
NEWPORT	MAX MIN	60 27	60 30	62 37	60 43	63 28	61 30	58 24	45 27	53 27	44 27	60 27	75 27	72 52	72 68	68 67	49 38	52 44	44 41	58 31	56 34	49 39	48 36	39 35	40 32	33 20	45 30	54 20	42 36	44 27	47 20	54.1 34.7		
NIMROO OAM	MAX MIN	61 22	61 23	49 33	63 31	66 34	55 22	59 23	56 20	51 22	50 18	64 18	77 42	75 42	72 60	68 46	52 33	54 35	52 36	53 24	66 26	61 33	55 34	48 34	44 32	45 19	29 19	49 25	55 31	39 25	48 16	55.8 29.7		
NORFORK OAM	MAX MIN	56 24	58 25	57 31	51 30	63 33	62 21	60 23	49 13	44 21	50 18	70 20	75 34	76 35	69 55	71 55	52 33	45 35	47 22	59 31	60 37	50 31	46 37	41 32	38 29	32 14	46 16	41 24	51 31	34 19	44 13	53.2 27.4		
OZEN	MAX MIN	65 35	58 37	66 36	56 36	64 35	60 37	53 21	50 23	51 20	51 38	75 45	76 57	71 64	71 65	56 45	47 38	48 40	49 30	58 39	57 34	54 34	46 39	44 35	38 23	31 22	46 34	54 44	37 34	49 25	46 20	54.6 36.2		
OKAY	MAX MIN	61 26	63 32	65 34	71 48	69 53	69 24	69 24	69 23	69 23	63 32	78 58	49 48	49 48	46 46	42 42	55 41	60 25	60 28	60 38	65 32	65 35	43 36	43 32	46 30	43 20	58 30	58 43	52 32	56 26	61.0 35.5			
OZARK	MAX MIN	57 24	48 24	47 39	55 37	54 36	61 24	51 24	46 21	51 21	46 35	71 40	80 40	65 62	72 45	59 38	53 36	46 24	58 24	58 39	55 39	47 36	44 36	44 36	40 34	30 22	40 24	50 27	50 33	46 22	46 19	52.6 31.5		
PARAGOULO	MAX MIN	56 27	57 34	62 45	59 42	61 28	57 34	54 23	49 29	44 22	53 25	71 50	72 43	69 64	68 44	66 45	49 39	43 34	42 33	53 29	59 34	54 37	45 34	41 33	36 30	32 16	41 26	52 34	40 26	43 21	52.5 34.8			
PERRYVILLE	MAX MIN	61 30	53 32	63 34	60 30	58 28	61 31	47 28	40 27	48 26	30 30	75 40	68 37	70 47	65 42	60 36	62 33	59 30	64 36	58 30	55 29	53 24	49 23	55 25	53 28	49 26	53 26	55 26	50 26	49 25	57.9 31.1			
PINE BLUFF	MAX MIN	61 30	54 34	56 44	66 40	64 40	63 30	62 33	53 28	45 31	60 28	76 29	82 58	74 64	73 64	68 50	52 46	62 43	59 39	61 43	53 35	49 38	45 33											

DAILY TEMPERATURES

ARKANSAS

DECEMBER 1948

Table 5-Continued

Station		Day of month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
TEXARKANA WB AIRPORT	MAX MIN	61 31	67 42	66 36	67 47	69 41	62 30	61 35	57 30	54 29	53 30	65 38	78 61	80 60	75 66	72 66	67 51	52 45	51 43	54 35	60 30	66 48	58 45	53 42	52 38	42 30	33 33	48 33	60 47	50 32	51 27	53 26	59.3 40.1
TURNPIKE	MAX MIN	53 32	44 36	51 39	50 41	57 36	54 31	48 33	40 29	44 26	44 22	46 28	68 45	73 53	66 57	64 58	63 32	48 30	44 35	42 24	50 29	51 39	48 31	45 30	40 28	30 16	22 12	36 19	45 29	47 21	39 17	40 23	48.1 31.6
WALORON	MAX MIN	61 20	56 29	60 33	63 47	64 47	60 20	53 33	49 19	51 18	59 16	75 35	80 49	73 38	72 61	68 62	50 40	52 34	52 41	60 34	56 22	53 30	47 29	45 37	39 33	38 30	48 20	53 23	53 40	46 30	46 23	55.9 32.4	
WARREN	MAX MIN	59 34	57 36	59 41	61 47	61 49	58 29	59 38	61 27	51 29	49 29	61 57	74 56	80 67	75 61	74 67	71 41	61 46															-
WHITE ROCK	MAX MIN	45 32	56 32	55 37	51 43	57 37	54 29	54 35	43 29	45 29	44 25	50 30	68 38	72 54	64 60	70 60	66 35	51 36	45 35	42 25	50 28	53 42	54 35	54 33	40 29	34 21	24 16	36 20	46 30	46 23	42 19	40 26	50.0 33.0
WYNNE	MAX MIN	59 31	61 36	62 47	60 42	64 46	59 30	57 39	47 25	50 25	44 30		72 73	71 65	72 65	67 53	53 48	48 40	47 37	55 29	53 38	53 39	48 36	43 35	39 31	39 19	45 28	58 37	58 35	41 27	47 21	55.4 36.4	

DELAYED DATA

JANUARY 1948 WARREN	MAX	86	87	89	91	93	89	95	93	90	90	92	96	97	98	95	96	95	94	96	98	97	97	97	97	97	94	91	96	85	86		95.2
	MIN	66	67	58	61	73	70	67	69	67	64	63	68	71	73	75	73	73	74	73	72	71	77	72	73	71	74	71	73	68	69		69.9
JULY 1948 WILSON	MAX			84	95	96	94	90	97	91	93	91	89	91	80	90	92	92	95	92	92	93	93	94	84	84	91	91	92	93	95	96	91.4
	MIN			59	65	72	73	70	69	68	68	70	68	73	71	72	74	75	69	77	68	74	73	74	66	68	70	72	74	74	75	72	70.8
AUGUST 1948 WARREN	MAX	87	95	96	91	89	91	87	84	80	89	89	92	98	96	94	90	89	93	92	94	94	93	94	93	93	85	93	94	94	94	93	91.5
	MIN	63	64	71	63	63	69	67	69	71	71	72	72	76	74	74	67	68	72	71	71	70	71	72	71	74	73	71	72	73	72	61	69.9
WILSON	MAX	95	87	86	89	91	85	80	79	86	82	90	89	89	90	96	87	87	87	88	91	94	94	95	95	97	95	95	97	96	96	92	90.3
	MIN	73	74	64	61	62	58	59	60	65	60	72	72	72	70	70	66	72	63	67	65	68	66	67	68	69	70	72	72	70	70	65	67.2
OCTOBER 1948 MARSHALL	MAX	82	80	75	72	79	75	71	72	80	73	68	77	81	81	79	80	75	62	74	72	69	74	72	70	70	75	76	77	79	70	70	74.5
	MIN	60	49	49	39	48	58	39	39	40	59	41	37	34	43	43	67	39	24	29	32	49	43	35	31	30	34	42	35	46	60	60	43.0
OZEN	MAX	84	84	78	82	76	77	80	80	79	82	81	80	85	85	84	81	64	67	75	75	68	77	78	72	62	80	85	85	82		78.2	
	MIN	50	54	44	53	44	46	43	56	42	44	47	39	43	53	51	62	48	28	30	35	50	43	39	44	34	39	44	54	51		45.2	
NOVEMBER 1948 CAMOEN 1	MAX	73	73	70	80	81	65	69	70	74	61	61	68	51	62	71	64	77	74	75	52	66	51	55	56	61	74	70	61	50	57	65.7	
	MIN	58	52	52	54	54	45	32	32	36	30	29	29	45	39	36	41	36	36	43	37	38	40	32	31	33	34	37	39	29	25	38.5	

CORRECTIONS

BENTON

November 1948

Delete minimum temperature on 2nd.

Mean-minimum temperature, 39.8M.

General Table: Mean temperature, 58.0M; temperature departure, -4.6.

HOPE

April 1948 -

Total Precipitation, 4.62; departure from normal, -0.69; days .01 or more, 5; days .25 or more, 5.

May 1948

Total precipitation, 6.89; departure from normal, +1.80.

EVAPORATION AND WIND MOVEMENT

ARKANSAS

DECEMBER 1948

Table 6

Station		Day of month																															Total	Departure from normal
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
BETHESDA	EVAP WIND	- 16	- 24	- 48	- 20	- 94	- 96	- 65	- 50	- 33	- 51	- 26	- 149	- 44	- 95	- 43	- 71	- 70	- 59	- 15	- 127	- 33	- 48	- 75	- 123	- 86	- 63	- 13	- 56	- 92	- 165	- 14	- 1964	
HOPE	EVAP WIND	- 16	- 9	- .017	- .050	- *	- *	- .350	- *	- *	- *	- .318	- .003	- .091	- .075	- -	- -	- .135	- .035	- *	- *	- .149	- .040	- .140	- *	- *	- *	- *	- .278	- .097	- -	- -	- 2.205B	
NIMROO OAM	EVAP WIND	- 4	- 10	- 9	- 19	- 50	- 116	- 27	- 32	- 4	- 6	- 45	- 40	- 17	- 39	- 32	- 24	- 11	- 2	- 5	- 55	- 14	- 1	- 4	- 9	- 12	- 13	- 5	- *	- 109	- 88	- 23	- 825	
NORFORK OAM	EVAP WIND	- 24	- 22	- 29	- 6	- 38	- 140	- 68	- 27	- 27	- 27	- 33	- 58	- 67	- 88	- 24	- 11	- 41	- 71	- 30	- 26	- 70	- 35	- 70	- 107	- 69	- 61	- 34	- 103	- 22	- 71	- 26	- 1525	
RUSSELLVILLE	EVAP WIND	.044	.044	.016	.018	.138	.050	.080	.032	.052	.046	.020	.010	.048	*	.112	.088	.062	.044	.056	.038	.020	.054	.084	.104	.034	*	.054	*	.054	.046	.032	1.480	
		.20	4	6	6	80	23	22	28	13	22	14	18	13	10	15	36	20	25	46	10	7	18	43	46	46	13	20	20	95	52	24	815	

DAILY RIVER STAGES

Table 7

River and Station		Flood stage	Day of month																															Highest	Date	Lowest	Date
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
BUFFALO GILBERT	30	3.5	3.6	3.6	3.5	3.6	3.6	3.6	3.6	3.6	3.7	3.7	3.7	3.6	3.6	7.9	10.0	7.2	6.0	5.5	5.1	4.8	4.8	4.7	4.5	6.8	6.5	5.6	5.1	6.4	7.0	5.9	10.0	16	3.5	1	
BLACK BLACK ROCK	14	2.8	2.8	2.7	2.6	2.6	2.5	2.4	2.3	2.3	2.2	2.2	2.2	2.0	2.0	2.1	13.9	12.5	11.0	9.3	8.0	7.3	6.8	6.4	6.2	9.7	9.9	9.3	8.5	11.3	13.0	12.7	13.9	16	2.0	13	
WHITE COTTER	21	1.4	1.6	1.8	1.8	1.9	1.8	1.8	1.4	1.7	1.8	1.9	1.6	1.7	1.7	6.8	5.9	5.6	5.2	5.6	5.9	5.4	4.6	4.6	4.5	5.1	4.1	4.1	4.0	4.3	4.6	4.6	6.8	15	1.4	13	
CALICO ROCK	19	1.2	1.2	1.4	1.4	1.4	0.8	1.0	1.0	1.2	1.4	1.8	1.1	0.7	1.4	3.3	8.2	7.6	6.0	5.5	5.5	5.0	4.4	3.3	3.3	3.9	5.0	4.0	3.6	4.1	4.8	4.9	8.2	16	0.7	13	
SATESVILLE L & D 1	23	6.4	6.3	6.2	6.3	6.3	6.3	5.7	6.6	6.2	6.2	6.3	6.6	6.1	6.4	9.8	13.3	15.0	13.1	11.6	10.7	11.0	10.4	9.7	9.1	11.4	10.5	10.3	9.9	10.8	10.8	11.1	15.2	17	5.7	7	
NEWPORT	26	2.0	2.4	2.3	2.2	2.1	2.0	1.9	1.8	2.0	2.0	2.0	2.1	2.2	1.8	1.8	11.9	16.1	17.0	16.2	14.9	13.3	12.2	10.8	9.3	8.7	12.1	12.7	12.0	11.7	12.8	13.4	17.0	18	1.8	8	
GEORGETOWN	21	3.5	3.3	3.3	3.3	3.2	3.1	3.1	2.9	2.7	2.5	2.5	2.4	2.4	2.4	2.4	5.5	15.8	18.2	18.6	18.6	18.2	17.7	17.0	16.1	15.0	14.6	15.4	15.4	15.6	16.3	17.0	18.8	19	2.4	12	
CLARENDON	26	12.7	12.8	12.8	12.8	12.8	12.7	12.5	12.4	12.2	12.0	11.8	11.6	11.5	11.4	11.4	11.3	13.2	17.5	19.8	21.1	22.0	22.8	23.5	24.0	24.2	24.3	24.2	24.1	24.3	24.3	24.4	24.4	31	11.3	16	
PETIT JEAN OANVILLE	20	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	3.0	8.7	8.6	4.8	4.0	4.0	3.6	3.4	3.3	3.2	3.5	3.4	3.4	3.2	3.4	3.7	3.6	8.7	16	2.6	10	
ARKANSAS VAN SUREN	22	4.6	4.6	5.2	5.4	5.8	6.4	6.2	5.9	5.5	5.6	5.9	5.5	5.3	4.8	5.0	6.2	7.3	7.2	6.6	6.0	5.6	5.2	5.0	5.1	5.2	5.4	5.4	5.2	4.7	5.2	5.6	7.3	17	4.6	2	
OZARK	22	1.0	1.1	1.0	1.4	1.3	1.8	2.4	2.4	2.2	2.0	2.0	2.0	1.8	1.6	1.8	2.9	2.9	2.8	3.4	2.9	2.4	2.3	1.8	1.3	1.8	2.0	2.0	1.9	1.8	1.9	2.1	3.4	19	1.0	1	
OARONELLE	22	2.2	2.3	2.2	2.2	2.8	2.9	3.4	3.5	3.6	3.2	3.1	3.2	3.2	3.1	3.1	8.0	5.5	5.1	5.2	4.8	4.4	3.8	3.4	3.0	3.7	4.1	3.9	3.8	4.7	5.0	5.4	8.0	16	2.2	1	
MORRILTON	20	7.0	6.8	6.9	6.8	6.8	7.1	7.4	7.8	8.4	8.2	7.8	7.6	7.3	7.6	7.7	8.4	12.3	11.6	10.8	10.9	10.6	9.8	9.1	8.5	8.4	8.2	9.1	8.9	8.8	9.2	10.4	12.3	17	6.8	2	
LITTLE ROCK WB AP	23	0.9	1.1	1.1	1.1	1.1	1.0	1.1	1.2	1.5	1.6	1.4	1.2	1.2	1.3	1.3	4.4	6.7	6.4	5.7	5.3	4.9	4.3	3.6	2.9	2.4	2.2	2.6	2.6	2.9	3.7	6.7	17	0.9	1		
PINE BLUFF	25	2.0	2.0	1.9	1.7	1.6	1.6	1.7	2.0	2.2	2.7	2.9	2.6	2.3	2.3	2.4	2.6	6.9	9.3	8.7	7.9	7.5	7.0	6.3	5.4	4.6	3.8	3.7	4.3	4.3	4.3	4.9	9.3	18	1.6	5	
CADDO GLENWOOD	10	4.4	4.4	4.4	4.6	4.8	4.8	4.8	4.8	4.6	4.6	4.6	4.6	4.6	4.6	4.7	4.7	5.9	7.5	7.4	7.4	6.3	6.0	5.7	5.7	5.7	5.6	5.6	5.5	5.5	5.5	5.4	7.5	18	4.4	1	
SALINE BENTON	20	6.5	6.2	6.0	5.9	5.7	5.7	5.6	5.4	5.3	5.2	5.1	5.0	5.0	5.0	5.1	16.2	14.0	9.6	8.5	7.8	7.3	6.9	6.6	6.3	6.2	6.2	6.0	5.9	9.0	9.2	8.0	17.9	16	5.0	14	
LITTLE MISSOURI BOUGHTON	20	5.0	4.8	4.8	4.7	4.7	4.6	4.6	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	5.0	5.2	12.6	10.2	8.7	7.0	6.5	6.4	6.4	6.0	5.7	5.4	5.3	5.4	7.2	8.8	12.8	18	4.5	15	
OUACHITA ARKADELPRIA	17	5.2	5.8	5.8	4.0	4.2	3.8	4.2	5.2	5.1	4.4	5.0	3.8	3.5	3.6	4.6	6.3	14.7	15.0	12.0	10.4	8.2	7.2	7.0	6.9	6.8	6.6	5.7	4.3	6.3	8.1	7.6	15.0	18	3.5	13	
CAMDEN 1	26	5.9	6.4	6.2	6.7	7.6	5.7	5.5	5.5	5.4	5.3	5.5	5.9	6.2	5.9	5.0	4.8	7.3	10.8	18.1	20.0	19.6	16.6	13.0	10.9	10.0	9.5	8.9	8.6	7.5	8.4	11.2	20.0	20	4.8	16	
LITTLE WHITECLIFFS	25	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.5	3.5	12.5	12.2	9.9	7.9	6.0	5.0	4.0	3.8	3.5	3.2	3.0	3.0	3.0	2.9	12.5	18	0.0	4	
REO INOEX	25	6.2	6.2	6.2	6.3	6.1	6.1	6.0	6.0	5.9	5.9	5.9	5.8	6.4	6.8	7.2	7.2	7.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
FULTON	25	6.9	6.6	6.4	6.9	6.6	-	-	-	-	-	-	-	-	-	-	7.0	7.5	8.6	10.4	10.4	11.0	9.8	9.5	9.2	8.9	8.6	8.0	8.0	8.1	8.3	8.2	7.9	-	-	-	
ST. FRANCIS ST. FRANCIS LAKE	18	9.2	8.3	7.5	7.8	6.3	6.0	6.0	5.9	5.7	5.6	5.5	5.4	5.4	5.3	9.4	14.7	15.5	15.2	15.0	14.8	14.3	13.7	12.9	12.2	14.6	15.1	15.0	14.1	14.7	14.8	15.2	15.5	17	5.3	14	
MARKO TREE	30	20.8	20.7	20.7	20.7	20.7	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.7	20.9	21.1	21.2	21.4	21.6	22.0	22.2	22.3	22.4	22.4	22.5	22.5	22.5	22.9	23.1	23.3	23.3	31	20.7	2	
PARKIN	17	1.1	1.1	1.1	1.1	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	2.8	3.4	3.9	6.0	7.7	7.9	7.8	7.7	7.6	7.6	7.7	8.0	8.2	8.7	8.9	9.0	9.0	31	1.1	1	
MADISON	28	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.1	4.1	4.1	4.2	4.2	4.0	4.0	5.2	7.2	8.8	9.4	9.8	10.0	9.9	9.9	9.9	10.5	10.7	11.0	11.3	12.1	13.3	14.2	14.2	31	4.0	1	
MISSISSIPPI HELENA	32	4.3	4.4	4.5	4.5	4.5	4.8	5.0	5.2	6.0	6.2	6.5	7.0	7.0	6.4	5.0	4.7	5.4	6.5	8.9	9.9	9.6	10.0	10.4	11.2	12.0	12.3	12.5	12.6	14.0	14.4	15.6	15.6	31	4.3	1	
ARKANSAS CITY	44	18.0	18.8	19.9	21.3	22.5	23.5	24.7	25.5	26.6	27.0	26.9	26.1	25.0	23.6	22.0	20.5	19.4	18.3	18.0	19.1	21.4	24.1	26.4	27.8	28.8	29.5	29.4	29.3	29.8	30.3	30.5	30.5	31	18.0	1	
	42	14.1	14.6	15.2	16.0	17.0	17.8	18.5	19.2	20.0	20.6	20.9	20.9	20.5	19.8	18.8	17.8	16.8	16.1	16.0	16.1	16.6	17.9	14.5	21.1	22.2	23.0	23.4	23.5	23.5	23.7	24.1	24.1	31	14.1	1	

DELAEO DATA

JUNE 1948 REO INDEX	25	13.5	13.1	12.4	11.4	10.6	11.2	12.4	11.6	11.6	11.4	11.0	11.0	10.5	10.0	8.4	8.2	8.0	7.8	7.8	7.6	7.6	7.8	7.8	7.8	7.4	7.9	10.1	11.0	11.6	13.5	1	7.
---------------------	----	------	------	------	------	------	------	------	------	------	------	------	------	------	------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	------	------	------	---	----

STATION INDEX

ARKANSAS
DECEMBER 1948

STATION	INDEX NO.	COUNTY	DRAINAGE	O LAT.	O LONG.	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
ABBOTT	0006	SCOTT	ARKANSAS	35 04	94 12	624	C		7A		7		JAMES V. WILLIAMS	3
ALICIA	0064	LAWRENCE	WHITE	35 54	91 05	256	C		MID		22		BEN R. BUSH	3 4
ALPINE	0118	CLARK	OUACHITA	34 16	93 23	-	C		7A		2		MRS. ALTA F. GARNER	3
ALUM FORK	0130	SALINE	ARKANSAS	34 48	92 52	755	C	5P	5P	11	11		L. R. WATER WORKS	2 3 4 5
ALY	0236	YELL	OUACHITA	34 47	93 29	850	C		MID		6		MRS. ELVIA LAMB	3 4
ANTOINE	0178	PIKE	OUACHITA	34 02	93 25	285	C		8A		6		EARNEST F. CARROLL	3
APLIN	0188	PERRY	ARKANSAS	34 58	92 59	400	C		7A		4		BESSIE L. EDWARDS	3
APPLETON	0196	POPE	ARKANSAS	35 25	92 53	522	C		MID		8		JOHN A. JONES	3 4
ARKADELPHIA	0220	CLARK	OUACHITA	34 07	93 03	200	C	7A	7A	52	52		W. H. HALLIBURTON	2 3 4 5 7
ARKANSAS CITY	0234	DESHA	MISSISSIPPI	33 37	91 12	145	C		8A		58		JOHN W. TRAMMELL	3 7
ASHDOWN	0286	LITTLE RIVER	REO	33 40	94 08	329	C	8A	8A	4	4		SOUTHWESTERN G & E	2 3 5
ATHENS	0300	HOWARD	RED	34 19	93 58	950	C		7A		0		ARRA D. PARKER	3
ATLANTA	0310	COLUMBIA	OUACHITA	33 07	93 02	329	C		MID		3		MISS EFFIE PERRY	3 4
AUGUSTA	0326	WOODRUFF	WHITE	35 17	91 22	218	C		7A		13		DAVID G. GRIFFITHS	3 4
BATESVILLE AIRWAY	0456	INDEPENDENCE	WHITE	35 46	91 39	363	C	MID	MID	40	40		AIRWAY OBSERVER	2 3 5
BATESVILLE LIVESTOCK	0458	INDEPENDENCE	WHITE	35 49	91 47	571	C	9A	9A	7	7		UNIV. OF ARKANSAS	2 3 5
BATESVILLE L & D 1	0460	INDEPENDENCE	WHITE	35 45	91 38	277	C		7A		35		B. M. HUDDLESTON	3 4 7
BEAR CREEK LAKE	0496	LEE	WHITE	34 43	90 42	220	C		MID		2		SOIL CONSER. SERVICE	3 4
BEATY LAKE	0512	ST. FRANCIS	ST. FRANCIS	35 05	90 43	400	C		5P		7		L. G. ADAMSON	3
BEAVER	0518	CARROLL	WHITE	36 28	93 46	930	C		7A		3		H. E. SKELTON	3 7
BEE BRANCH	0528	VAN BUREN	ARKANSAS	35 27	92 24	650	C	5P	5P	56	56		MINNIE SCANLAN	2 3 5
BEEBE	0530	WHITE	WHITE	35 04	91 54	250	C		MID		5		JP. AG. COLLEGE	3 4
BEECH GROVE	0534	GREENE	WHITE	36 09	90 38	298	C		8A		7		B. B. HAMMOND	3
BEEDEVILLE	0536	JACKSON	WHITE	35 26	91 06	221	C		8A		8		P. M. BRECKINRIDGE	3
BENTON	0582	SALINE	SALINE	34 33	92 37	285	C	7A	7A	19	19		MRS. ETTA C. BURKS	2 3 5 7
BENTONVILLE	0586	BENTON	ARKANSAS	36 22	94 13	1295	C	8A	8A	42	42		E. L. BROWN	2 3 5
BERRYVILLE	0616	CARROLL	WHITE	36 22	93 34	1255	C		MID		5		LUCILLE R. MC WETHY	3 4
BETHESDA	0644	INDEPENDENCE	WHITE	35 49	91 47	500	C	8A	8A	8	8	5	SOIL CONSER. SERVICE	2 3 5 6
BIG FLAT	0662	BAXTER	WHITE	36 00	92 24	1250	C		7A		2		W. C. NORMAN	3
BIG FORK	0664	POLK	OUACHITA	34 29	93 58	1100	C		4P		4		ANNA M. LILES	3
BIG LAKE OUTLET	0676	MISSISSIPPI	ST. FRANCIS	35 51	90 08	239	C		7A		3		N. W. DOUGLAS	3
BLACK ROCK	0746	LAWRENCE	WHITE	36 07	91 06	259	C		7A		46		J. H. RAGAN	3 7
BLUE MOUNTAIN DAM	0798	YELL	ARKANSAS	35 06	93 39	-	C		MID		8		CORPS OF ENGINEERS	3 4
BLITHEVILLE	0806	MISSISSIPPI	ST. FRANCIS	35 56	89 55	252	C	7A	7A	22	22		R. E. BLAYLOCK	2 3 5
BOONEVILLE 3 MI S.W.	0828	LOGAN	ARKANSAS	35 09	93 58	465	C	6P	6P	33	33		NOVA RAE LURDOCK	2 3 4 5
BOONEVILLE	0830	LOGAN	ARKANSAS	35 09	93 55	511	C		6A		7		CLEO E. YANDELL	3
BOTKINBURG	0842	VAN BUREN	WHITE	35 39	92 30	1200	C		MID		3		THOMAS M. PEARSON	3 4
BOUGHTON	0848	NEVADA	OUACHITA	33 52	93 18	235	C		8A		13		MAXINE K. ALLEN	3 7
BRADFORD	0872	WHITE	WHITE	35 25	91 28	240	C		7A		3		MARSHALL HIGHMON	3
BRINKLEY	0936	MONROE	WHITE	34 54	91 11	205	C	7A	7A	57	57		ROBERT L. GLOVER	2 3 4 5
BULL SHOALS DAM	1020	BAXTER	WHITE	36 22	92 34	760	C		MID		1		CORPS OF ENGINEERS	3 4
BURDETTE	1052	MISSISSIPPI	MISSISSIPPI	35 49	89 56	240	C		6P		4		G. A. HALE	3
CABOT	1102	LONOKE	WHITE	34 59	92 01	289	C		6P		1		B. M. WALTHER	3
CALICO ROCK	1132	IZARD	WHITE	36 08	92 08	380	C		7A		43		WILLIAM JONES	3 7
CAMDEN 1	1152	OUACHITA	OUACHITA	33 36	92 49	116	C	7A	7A	58	58		MRS. M. P. BIGGERD	2 3 5 7
CAMOEN 2	1154	OUACHITA	OUACHITA	33 35	92 51	155	C		MID		6		EDITH Z. LEHMAN	3 4
CAMP CHAFFEE	1172	SEBASTIAN	ARKANSAS	35 18	94 18	419	C	8A	8A	6	6		U. S. ARMY	2 3 5
CANAAN	1188	SEARCY	WHITE	35 52	92 44	-	C		MID		8		FRONEY DELL HORTON	3 4
CARLISE	1224	LONOKE	ARKANSAS	34 47	91 45	235	C		8A		7		R. W. HOLLIS	3
CARPENTER DAM	1238	GARLAND	OUACHITA	34 27	93 01	-	C		MID		8		ARK. P. L. CO.	3 4
CLARENDON	1442	MONROE	WHITE	34 41	91 18	172	C		7A		44		B. F. NORTHERN	3 7
CLARKSVILLE	1456	JOHNSON	ARKANSAS	35 29	93 28	370	C		MID		8		THOMAS L. SMITH	3 4
CLINTON	1492	VAN BUREN	WHITE	35 35	92 28	510	C		7A		26		EARL B. RIDDICK	3
COLD SPRINGS	1520	SCOTT	OUACHITA	34 58	93 54	1250	C		7A		7		MARGARET ZORNES	3
COMBS	1574	MADISON	WHITE	35 50	93 50	1400	C		MID		8		ROSA J. COMBS	3 4
COMPTON	1582	NEWTON	WHITE	36 06	93 18	895	C		MID		5		WILLIAM L. BINAM	3 4
CONWAY	1596	FAULKNER	ARKANSAS	35 05	92 27	309	C	5P	5P	64	64		G. Y. SHORT	2 3 5
CORNING	1632	CLAY	WHITE	36 24	90 35	293	C	7A	7A	54	54		MRS. LAURA POLK	2 3 4 5
COTTER	1640	MARION	WHITE	36 14	92 31	440	C		8A		20		O. B. MC SPADDEN	3 7
COVE	1666	POLK	REO	34 26	94 25	1050	C		7A		8		WILLIAM M. RAYMOND	3
CROSSETT	1730	ASHLEY	OUACHITA	33 02	91 56	175	C	5P	5P	25	35		U. S. FOREST SERVICE	2 3 5
CRYSTAL VALLEY	1750	PULASKI	ARKANSAS	34 42	92 26	350	C		7A		4		VIRDA BYRD	3
CULPEPPER	1756	VAN BUREN	WHITE	35 30	92 33	750	C		7A		6		MRS. LIZZIE THOMPSON	3
CUMMINS FARM	1768	LINCOLN	ARKANSAS	34 08	91 35	176	C	7P	7P	4	4		T. C. COGBILL	2 3 5
DAISY	1824	PIKE	OUACHITA	34 14	93 45	629	C		MID		6		ROBERT T. TEDDER	3 4
DANVILLE	1834	YELL	ARKANSAS	35 03	93 24	370	C		7A		32		J. A. MOUDY	3 7
DARDANELLE	1838	YELL	ARKANSAS	35 13	93 09	330	C	7A	7A	62	62		GEORGE N. GOODIER	2 3 5 7
DE QUEEN	1948	SEVIER	RED	34 02	94 21	426	C		6P		14		L. O. MC COWN	2 3 5
DENVER	1956	CARROLL	WHITE	36 23	93 18	1028	C		MID		6		CLARENCE E. COLLINS	3 4
DERMOTT	1960	CHICOT	MISSISSIPPI	33 31	91 26	140	C		8A		8		L. W. WILSON	3
DES ARC	1968	PRAIRIE	WHITE	34 58	91 30	204	C	7A	7A	12	12		C. J. RISTER	2 3 5
DEVILS KNOB	1982	JOHNSON	WHITE	35 43	93 24	2350	C	5P	5P	11	11		ARCHIE BRADLEY	2 3 5
DUMAS 1	2148	DESHA	MISSISSIPPI	33 53	91 30	162	C	7P	7P	41	41		BEN JOHNSON	2 3 5
DUMAS 2	2150	DESHA	MISSISSIPPI	33 53	91 30	-	C		MID		5		BETTY R. HOLMES	3 4
DURHAM	2176	WASHINGTON	WHITE	35 57	93 59	1243	C		MID		8		ANNIE A. WHITE	3 4
EAGLE GAP	2204	SCOTT	ARKANSAS	34 43	94 19	1150	C		8A		21		MRS. MINA C. RABB	3
EL DORADO	2300	UNION	OUACHITA	33 13	92 40	278	C	7A	7A	47	47		AYLMER H. MC BRIDE	2 3 5
ELKINS	2315	WASHINGTON	WHITE	36 05	92 40	1364	C		6		0		HERBERT S. CLARK	2 3 5
EUREKA SPRINGS	2356	CARROLL	WHITE	36 24	93 45	1465	C	6P	6P	46	46		GEORGE W. NICHOLDS	2 3 5
EVENING SHADE	2366	SHARP	WHITE	36 05	91 37	490	C		7A		8		OPHA WOLFE	3
FAYETTEVILLE	2442	WASHINGTON	WHITE	36 05	94 10	1370	C	7P	7P	10	10		CHARLES F. FORD	2 3 5
FAYETTEVILLE EXP. STN.	2444	WASHINGTON	WHITE	36 06	94 10	1412	C	5P	5P	60	60		UNIV. OF ARKANSAS	2 3 5
FOROYCE	2540	OALLAS	OUACHITA	33 42	92 22	280	C	5P	5P	16	16		ARK. FOR. COM.	2 3 5
FOREMAN	2544	LITTLE RIVER	RED	33 43	94 24	400	C		MID		8		LESLIE P. CALLONS	3 4
FORESTER	2556	SCOTT	ARKANSAS	34 46	93 49	650	C		7P		7		A. L. MC CRAW	3
FORREST CITY	2564	ST. FRANCIS	ST. FRANCIS	35 02	90 46	260	C		MID		8		THOMAS A. MOORE	3 4
FORT SMITH WB AP	2574	SEBASTIAN	ARKANSAS	35 20	94 22	458	C	MID	MID	66	66		U. S. WEATHER BUREAU	2 3 4 5
FORT SMITH WTR PLNT	2578	CRAWFORD	ARKANSAS	35 39	94 09	793	C		7A		10		R. J. SCHOEPE	3
FOUNTAIN HILL	2598	ASHLEY	OUACHITA	33 21	91 50	175	C		8A		5		JETHRO R. DEWSON	3

STATION INDEX - Continued

ARKANSAS
DECEMBER 1948

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT.	LONG.	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
FULTON	2670	HEMPSTEAD	RED	33 37	93 48	260	C		8A		62		INA . LOGAN	3 7
GARLAND	2710	MILLER	RED	33 21	93 42	230	C		7A		4		L. D. DENNEY	3
GEORGETOWN	2760	WHITE	WHITE	35 07	91 26	200	C		7A		35		J. S. MC DONALD	3 7
GILBERT	2794	SEARCY	WHITE	35 59	92 43	1525	C	7A	7A	22	22		AUL M. JORDAN	2 3 4 5 7
GLENWOOD	2842	PIKE	OUACHITA	34 20	93 33	547	C		8A		13		CHARLES A. PRICE	3 7
GRANNIS	2908	POLK	RED	34 14	94 20	920	C	7A	7A	22	22		W. E. MC VAY	2 3 5
GRAVELLY	2922	YELL	ARKANSAS	34 53	93 41	498	C		7A		8		HAROLD L. FRIZZELL	3
GRAVETTE	2930	BENTON	ARKANSAS	36 36	94 32	1250	C	6P	6P	50	50		J. A. SCHMIDT	2 3 5
GREEN FOREST	2946	CARROLL	WHITE	36 20	93 26	1350	C		7A		8		OBED B. WILSON	2 3 5
GREEN MOUNTAIN	2952	STONE	WHITE	36 02	92 12	1100	C	5P	5P	10	10		U. S. FOREST SERVICE	2 3 5
GREENBRIER	2962	FAULKNER	ARKANSAS	35 14	92 14	360	C		7A		5		J. O. CANTRELL	3
GREENWOOD	2976	SEBASTIAN	ARKANSAS	35 13	94 15	518	C		7A		8		DOROTHY M. BEEN	3
GURDON	3074	CLARK	OUACHITA	33 54	93 09	210	C		7A		0		ROY S. ROBBES	3
HAMPTON	3098	CALHOUN	OUACHITA	33 32	92 28	202	C		7A		8		BILL S. WATSON	3
HARDY	3132	SHARP	WHITE	36 19	91 29	362	C		MID		8		T. B. DONALDSON	3 4
HARRISBURG	3160	POINSETT	ST. FRANCIS	35 34	90 44	280	C		7A		7		JOHN D. MAY	3 4
HARRISON	3164	BOONE	WHITE	36 14	93 07	1052	C	6P	6P	47	47		R. C. BEENE	2 3 4 5
HEBER SPRINGS 3 MI. S.W.	3230	CLEBURNE	WHITE	35 28	92 03	555	C		MID		6		WAYNE STARK	3 4
HECTOR	3235	POPE	ARKANSAS	35 28	92 58	200	C		7A		0		NETTIE R. ALTER	3
HELENA	3242	PHILLIPS	MISSISSIPPI	34 32	90 35	200	C	7A	7A	75	75		JAMES A. BURNETT	2 3 5 7
HENDERSON	3258	BAXTER	WHITE	36 22	92 14	498	C		6P		7		DAISY A. PORTER	3
HILLEMANN	3354	WOODRUFF	WHITE	35 08	91 05	231	C		6P		5		JOHN B. MAULDIN	3
HOPE	3428	HEMPSTEAD	RED	33 43	93 33	375	C	7A	7A	77	77		UNIV. OF ARKANSAS	2 3 5 6
HOPPER	3438	MONTGOMERY	OUACHITA	34 22	93 41	700	C		7A		0		MRS. LONA A. SHIELDS	3
HORATIO	3442	SEVIER	RED	33 56	94 22	337	C		6A		2		ELIZABETH W. FRIDAY	3
HOT SPRINGS NATL. PARK	3466	GARLAND	OUACHITA	34 31	93 03	630	C	7A	7A	55	55		NATIONAL PARK SERVICE	2 3 5
HUNTSVILLE	3540	MADISON	WHITE	36 05	93 44	1453	C		MID		8		MRS. MAY P. MARKELY	3 4
HUTTIG DAM	3556	UNION	OUACHITA	33 02	92 05	60	C		8A		4		CORPS OF ENGINEERS	3 4
ICELEDO	3570	NEWTON	WHITE	35 52	92 59	1365	C		5P		4		LOY E. HILL	3
INDEX	3584	LITTLE RIVER	RED	33 35	94 03	300	C		8A		23		W. E. MC DOWELL	3 7
JASPER	3600	NEWTON	WHITE	36 01	93 11	857	C		7A		52		MRS. LETTIE D. DAVIS	3
ONESBORO	3734	CRAIGHEAD	WHITE	35 50	90 42	345	C	7A	7A	52	52		BENEDICTINE SISTERS	2 3 5
KEO	3862	LONOKE	ARKANSAS	34 36	92 00	230	C		7P		5		R. A. WALLER	2 3 5
KINGSLAND	3904	CLEVELAND	OUACHITA	33 50	92 16	214	C		MID		8		CLAUDIE W. HUNTER	3 4
LAKE CITY	3998	CRAIGHEAD	ST. FRANCIS	35 49	90 26	230	C		4P		5		TRESSA ST. CLAIR	3
LAKE LEATHERWOOD	4006	CARROLL	WHITE	36 27	93 46	-	C		7P		3		CECIL E. MABERRY	3 4
LANGLEY	4060	PIKE	OUACHITA	34 19	93 50	-	C		7P		4		MRS. J. A. JONES	3
LEAD HILL	4106	BOONE	WHITE	36 24	92 54	650	C	7P	7P	42	42		F. W. KELLOGG	2 3 5
LEE CREEK	4116	CRAWFORD	ARKANSAS	35 42	94 19	1000	C		7A		2		ORPHA W. COCKSEY	3
LEOLA	4134	GRANT	OUACHITA	34 10	92 35	261	C		7A		5		J. R. RHODES	3
LITTLE ROCK WB AIRPORT	4248	PULASKI	ARKANSAS	34 44	92 14	257	C	MID	MID	68	68		U. S. WEATHER BUREAU	2 3 4 5 7
LITTLE ROCK FILT. PLANT	4250	PULASKI	ARKANSAS	34 46	92 19	512	C		MID		3		L. R. WATER WORKS	3
LOCK AND DAM NO. 3	4256	INDEPENDENCE	WHITE	35 51	91 51	370	C		7A		3		EO ANSEL	3
LOST CORNERS	4324	POPE	WHITE	35 34	92 50	1550	C		7A		4		CATH. T. RUSSELL	3
LOUANN	4332	OUACHITA	OUACHITA	33 24	92 48	132	C		6P		4		CHARLES S. CURRAN	3
LURTON	4386	NEWTON	WHITE	35 46	93 05	2007	C		8A		51		I. C. SUTTON	3
LUTHERVILLE	4390	JOHNSON	ARKANSAS	35 09	93 15	775	C	6P	6P	51	51		MRS. H. G. LENHAROT	2 3 5
MADISON	4528	ST. FRANCIS	ST. FRANCIS	35 00	90 43	215	C		7A		17		J. W. EPPES	3 7
MAGNOLIA	4548	COLUMBIA	RED	33 17	93 14	315	C	6P	6P	31	31		STATE AGRI. SCHOOL	2 3 4 5
MALVERN	4562	HOT SPRINGS	OUACHITA	34 22	92 49	311	C		8A		52		JODIE W. MC MULLEN	3
MAMMOTH SPRING	4572	FULTON	WHITE	36 29	91 32	600	C	8A	8A	43	43		CATHERINE S. COX	2 3 5
MARIANNA	4638	LEE	ST. FRANCIS	34 44	90 49	234	C	8A	8A	36	36		UNIV. OF ARKANSAS	2 3 4 5
MARKED TREE	4654	POINSETT	ST. FRANCIS	35 32	90 25	229	C	7A	7A	43	43		MR. WILLIAM M. CRICK	2 3 5 7
MARSHALL	4666	SEARCY	WHITE	35 55	92 43	1050	C	6P	6P	29	29		MRS. MINNIE HORTON	2 3 5
MARVELL	4678	PHILLIPS	WHITE	34 33	90 55	195	C		8A		29		J. D. LOWRIE	3
MAUMEE	4696	SEARCY	WHITE	36 03	92 39	749	C		MID		8		NAOINE F. DAVENPORT	3 4
MELBOURNE	4746	IZARD	WHITE	36 04	91 54	610	C		7A		3		WALTER E. HALL	3
MENA	4756	POLK	OUACHITA	34 35	94 15	1207	C	7A	7A	59	59		E. W. ST. JOHN	2 3 4 5
MONTICELLO	4900	OREW	OUACHITA	33 35	91 50	250	C	MID	MID	7	7		AIRWAY OBSERVER	2 3 4 5
MONTROSE	4906	ASHLEY	OUACHITA	33 18	91 29	125	C		MID		5		JAMES L. ALSOBROOK	3 4
MOROBY LOCK AND DAM	4934	CALHOUN	OUACHITA	33 19	92 27	85	C		6P		8		CORPS OF ENGINEERS	3 4
MORRILTON	4938	CONWAY	ARKANSAS	35 08	92 44	328	C	7A	7A	31	31		L. A. DICUS	2 3 5 7
MOUNT IDA 1	4988	MONTGOMERY	OUACHITA	34 33	93 37	702	C	6P	6P	48	48		J. S. WHITTINGTON	2 3 5
MOUNT IDA 2	4990	MONTGOMERY	OUACHITA	34 33	93 37	-	C		MID		4		JOHN WALLBRITTON	3 4
MOUNTAIN HOME	5036	BAXTER	WHITE	36 20	92 30	800	C	7P	7P	35	35		H. N. HALBERT	2 3 4 5
MOUNTAIN VIEW	5046	STONE	WHITE	35 52	92 07	768	C		7A		8		W. D. WORTHINGTON	3
MOUNTAINBURG	5056	CRAWFORD	ARKANSAS	35 38	94 10	736	C		6P		10		C. A. LOVELL	3
MULBERRY	5072	FRANKLIN	ARKANSAS	35 34	94 01	500	C		7A		8		HENRY G. ARVIN	3
MURFREESBORO	5078	PIKE	OUACHITA	34 04	93 41	367	C		MID		8		ERNEST J. BABBITT	3 4
NASHVILLE	5112	HOWARD	REO	33 58	93 51	350	C	7P	7P	9	9		BRICE CARRUTH	2 3 5
NASHVILLE S C S	5114	HOWARD	RED	33 57	93 51	373	C		MID		4		SOIL CONSER. SERVICE	3 4
NEWHOPE	5174	PIKE	OUACHITA	34 14	93 50	850	C		7A		8		FLOYD WOOD	3
NEWPORT	5186	JACKSON	WHITE	35 36	91 17	225	C	7A	7A	64	64		WILLIS T. MOYER	2 3 5 7
NIMROD DAM	5200	PERRY	ARKANSAS	34 57	93 10	470	C	8A	8A	6	6		CORPS OF ENGINEERS	2 3 4 5 6
NORFOLK DAM	5228	BAXTER	WHITE	36 15	92 15	425	C	8A	8A	2	7		CORPS OF ENGINEERS	2 3 4 5 6
ODELL	5354	WASHINGTON	ARKANSAS	35 48	94 24	1500	C		7A		20		MRS. RENZO HURST	3
ODEN	5358	MONTGOMERY	OUACHITA	34 38	93 48	800	C		MID		19		U. S. FOREST SERVICE	3
OKAY	5376	HOWARD	REO	33 44	93 56	300	C	5P	5P	19	19		J. T. HARGIS	2 3 5
OSCEOLA	5480	MISSISSIPPI	MISSISSIPPI	35 43	89 58	250	C		8A		4		C. E. CARTER	3
OWENSVILLE	5498	SALINE	OUACHITA	34 27	92 49	500	C		8A		4		GUY COOK	3
OZARK	5508	FRANKLIN	ARKANSAS	35 29	93 50	396	C	6A	6A	52	52		ORKNEY O. MILTON	2 3 5 7
PARAGOULO	5562	GREEN	ST. FRANCIS	36 04	90 29	275	C	4P	4P	24	24		KORS	2 3 5
PARKIN	5586	CROOKS	ST. FRANCIS	35 16	90 35	222	C		7A		17		CARROLL KING	3 7
PERRYVILLE	5694	PERRY	ARKANSAS	35 00	92 49	325	C	6P	6P	8	8		PAULINE BENNETT	2 3 5
PINE BLUFF	5754	JEFFERSON	ARKANSAS	34 12	92 00	215	C	7A	7A	60	60		MARY T. SCHEU	2 3 5 7
PINE BLUFF CAA	5756	JEFFERSON	ARKANSAS	34 13	91 56	215	C	MID	MID		23		CAA	3 4
PINE RIOGE	5760	MONTGOMERY	OUACHITA	34 35	93 54	840	C		7A		54		J. R. HUDDLESTON	3
POCAHONTAS	5820	RANDOLPH	WHITE	36 16	90 59	330	C	5P	5P	54	54		BENEDICTINE SISTERS	2 3 5
PORTLAND	5866	ARTLEY	OUACHITA	33 14	91 30	122	C	7A	7A	41	41		MRS. PEARL NEWTON	2 3 5

STATION INDEX - Continued

ARKANSAS
DECEMBER 1948

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. O /	LONG. O /	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
PRESCOTT PRESCOTT S C S PYATT RATCLIFF RAVANA	5908 5910 5970 6008 6016	NEVAOA NEVAOA MARION LOGAN MILLER	OUACHITA OUACHITA WHITE ARKANSAS REO	33 48 33 48 36 16 35 18 33 04	93 23 93 23 92 51 93 53 94 02	318 - 800 463 250	C C C C C	7A MIO MIO 7A MIO	59 7 6 3 8	59 7 6 3 8			R. P. HAMBY W. L. MC LEAN ONA V. MC LEAN LULA MAE WEEKS ARNICE O. TAYLO	2 3 5 3 4 3 4 3 3 4
REO STAR REMMEL OAM RISON ROCKHOUSE ROGERS	6078 6102 6174 6214 6248	MAOISON HOT SPRING CLEVELAND MAOISON BENTON	WHITE OUACHITA OUACHITA WHITE WHITE	35 51 34 26 33 48 36 17 36 18	93 31 92 54 92 11 93 40 94 02	2250 - 231 1214 1387	C C C C C	7A MIO 8A 7A 6P	59 8 32 2 57	59 8 32 2 57			ORVAL F. CALLOWAY ARK. P. & L. CO. J. H. YANEY CLAUDE O. SISCO HOWARD FOWLER	CLOSED 10/4/49 3 4 3 3 2 3 5
RUSSELLVILLE SAINT CHARLES SAINT FRANCIS SAINT FRANCIS LAKE SEARCY	6352 6376 6380 6382 6506	POPE ARKANSAS CLAY CLAY WHITE	ARKANSAS WHITE ST. FRANCIS ST. FRANCIS WHITE	35 18 34 23 36 27 36 27 35 15	93 08 91 08 90 08 91 08 91 44	360 200 300 - 245	C C C C C	5P 8A 7A 7A 7P	35 14 20 37 37	35 14 20 37 37			U. S. FOREST SERVICE U. S. BIOL. SURVEY WILLIAM S. BUCKLEY CHARLES W. WALTON ARTHUR O. SMITH	2 3 5 6 2 3 5 3 7 7 2 3 5
SHERIDAN SHIRLEY SILOAM SPRINGS SMITHVILLE STAR CITY	6566 6586 6624 6698 6820	GRANT VAN BUREN BENTON LAWRENCE LINCOLN	OUACHITA WHITE WHITE WHITE OUACHITA	34 27 35 38 36 11 36 05 33 57	92 21 92 17 94 33 91 18 91 50	290 600 1150 450 250	C C C C C	6P 6P 6P MIO 2P	7 8 7 2 5	7 8 7 2 5			ARK. FORESTRY COM. MAUD H. BRAOFO JOHN BROWN UNIVERSITY NORA F. RUOY R. A. GOYEN	2 3 5 3 2 3 5 3 4 3
STEVE STORY STUTTART STUTTART 9 MI. ESE. SUBIACO	6856 6890 6918 6920 6928	YELL MONTGOMERY ARKANSAS ARKANSAS LOGAN	ARKANSAS OUACHITA ARKANSAS ARKANSAS ARKANSAS	34 53 34 42 34 29 34 28 35 18	93 19 93 31 91 32 91 25 93 39	682 650 214 198 500	C C C C C	7A 7A 7A 7A 7P	4 23 60 12 49	4 23 60 12 49			T. P. SIMS S. C. STORY GEORGE L. CLARK UNIV. OF ARKANSAS NEW SUBIACO ABBEY	3 3 2 3 5 2 3 4 5 6 2 3 5
SUGAR GROVE SUGAR LOAF MOUNTAIN TAYLOR TEXARKANA WB AIRPORT TINSMAN	6940 6944 7038 7048 7118	LOGAN CLEBURNE COLUMBIA MILLER CALHOUN	ARKANSAS WHITE REO REO OUACHITA	35 04 35 29 33 06 33 27 33 38	93 48 91 58 93 27 94 00 92 21	500 300 247 368 170	C C C C C	9A 7A 6P MIO 7A	8 3 5 63 5	8 3 5 63 5			O. R. FENNEL SANTFRED REYNOLDS YANCY M. NORWOOD U. S. WEATHER BUREAU HENRY S. SPEER	3 3 3 2 3 4 5 3
TURNPIKE VAN BUREN VICK VIOLA WALORON	7262 7370 7420 7450 7488	POPE CRAWFORD BROLEY FULTON SCOTT	ARKANSAS ARKANSAS OUACHITA WHITE ARKANSAS	35 40 35 26 33 19 36 24 34 54	93 05 94 21 92 09 91 59 94 06	2087 - 115 692 675	C C C C C	6P - 6P 7A 5P	23 - 6 7 28	23 - 6 7 28			U. S. FOREST SERVICE BEN CORNELUS WILLARD K. SHARP A. F. KING WILLIAM O. BIVENS	2 3 5 7 3 3 2 3 4 5
WALNUT GROVE WARREN WEDINGTON LAKE WEST FORK WHEELING	7524 7582 7638 7694 7744	INOEPENOECE BROLEY WASHINGTON WASHINGTON FULTON	WHITE OUACHITA ARKANSAS WHITE WHITE	35 51 33 36 36 06 35 55 36 19	91 21 92 04 94 23 94 11 91 52	250 206 1150 1340 680	C C C C C	6P 6P MIO MIO MIO	7 53 3 8 8	7 53 3 8 8			A. H. FAST C. N. TURNER HARRY E. BIRKINSHA MRS. N. C. THRELKEL THOMAS W. CONE	3 2 3 5 3 4 3 4 3 4
WHITECLIFFS WHITE ROCK WILSON WINFREY WING	7812 7772 7912 7936 7950	LITTLE RIVER FRANKLIN MISSISSIPPI CRAWFORD YELL	REO ARKANSAS MISSISSIPPI ARKANSAS ARKANSAS	33 48 35 41 35 34 35 44 34 57	94 03 93 57 90 02 94 06 93 28	290 2285 237 1152 350	C C C C C	7A 5P 7A MIO MIO	11 11 22 8 5	11 11 22 8 5			L. M. SNEAD U. S. FOREST SERVICE O. O. ANDERSON CLYDE F. MEADORS MILES B. TURNER	3 7 2 3 5 2 3 5 3 4 3 4
WYNNE YELLVILLE NATHAN & MI. N.W. PARTHENON BLUFF CITY	8052 8084 5158 5602 0800	CROSS MARION HOWARD NEWTON NEVAOA	ST. FRANCIS WHITE OUACHITA ARKANSAS OUACHITA	35 13 36 13 34 07 35 57 33 41	90 46 92 41 93 52 93 15 93 09	260 900 550 925 360	C C C C C	6P 7A 7A MIO 7A	39 3 0 8 -	39 3 0 8 -			P. G. QUEENSBERRY L. E. JOHNSON EONA J. WESTFALL ARTHUR B. CARLTON R. P. PLYLER	2 3 5 3 3 3 4 3
JESSIEVILLE SPARKMAN MOUNT MAGAZINE BUFFALO TOWER ROSEBUD	3704 6768 - 1010 6278	GARLAND OALLAS LOGAN NEWTON	OUACHITA OUACHITA ARKANSAS ARKANSAS	33 42 33 55 35 10 35 52 35 20	93 04 92 48 93 41 93 30 92 04	730 260 2800 - -	C C C C C	7A 6P 7P 7A 6P	9 5 0 0 -	9 5 0 0 -			MRS. VELMA R. DUNN MRS. RACHEL M. BUTLER U. S. FOREST SERVICE MISS BEULAH FRIENO MR. HAPDEN L. LILES	3 3 2 3 5 3 3

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late for inclusion in this issue.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

When hourly precipitation is missing for several days, only the first and last days are shown in Table 4.

When hourly precipitation is accumulated over a period of 3 or more calendar days, with unknown hourly or daily distribution, the first and last days are shown in Table 4.

- No record.
- + And also on later dates.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- 6 Precipitation measured at 6-hourly intervals, no recording gage.
- AR This entry in time of observation column in Station Index means "after rain".
- B Adjusted to a full month.
- E Water-equivalent of snowfall wholly or partially estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; see Table 5 for detailed daily record.
- R Station equipped with recording gage only. All amounts in Table 3 are for the non-recording gages, except for stations with this reference.
- T Trace, an amount too small to measure.
- Z Hourly amounts from recording gage at the same site may be found in Table 4.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, river stages in feet, and wind movement in miles.

Data in Table 4 were formerly published in the Hydrologic Bulletin for Lower Mississippi - West Gulf. Amounts in this table are from recording gages. Races are not shown.

Subscription Price: 15 cents per copy; \$1.50 a year. (Yearly subscription includes Annual Summary). Correspondence regarding subscriptions should be addressed to the Weather Records Processing Center, Room 9, U. S. Court House, Fort Worth 2, Texas.

W.B.O., Ft. Worth, Tex., -- 2/8/49 -- 1275

U. S. DEPARTMENT OF COMMERCE
CHARLES SAWYER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ARKANSAS

ANNUAL SUMMARY 1948

Volume LIII No. 13



Walter C. Hickmon, Section Director - Little Rock

GENERAL SUMMARY

The year 1948 for the State as a whole showed a deficiency in temperature of one degree, and in precipitation 1.64 inches in excess of the average for the past 58 years. The dependence of agriculture upon the weather was clearly demonstrated during the 1948 crop season. During the Spring and Summer months rainfall was nearly normal, January and April being the only months with a negative departure; and at the close of August the accumulated excess was 3.16 inches. Temperatures during the Spring and Summer were below normal, April and June being the only months with a positive temperature departure. March set new low records, with Gravette and Lead Hill reporting 14° below zero, and snowfall averaged 1.4 inches, with 12 to 14 inches in northwestern counties. This cold weather during March retarded vegetation and held fruit and berry development in check, resulting in excellent crops. In April there was a marked reaction to warm dry weather, and several stations set high records. Farming made rapid progress during the month, planting being completed, and most crops were up to good stands by the close of the month. May, June, July and August were favorable for agriculture, with showers occurring at frequent intervals. Crops made excellent progress. Cotton, corn, soybeans, rice and hay crops were the best in years. September and October were dry, cool and favorable for maturing and harvesting. Killing frosts occurred over much of the State on October 18, but crops were generally matured and damage was slight. There was too much rain in November, delaying cotton picking. Rain continued in December and some of the bumper cotton crop was unpicked at the close of the year. Rice threshing was completed during December. The year as a whole was extremely favorable for agriculture.

TEMPERATURES

The mean temperature for the year was 60.4°, which is 1° below the 58-year average. January was the coldest month of the year, the January mean temperature being 33.5°, which is 7.6° below normal. The lowest temperatures occurred in March, with 14° below zero at Gravette and Lead Hill. These are the lowest March temperatures on record in Arkansas. July was the warmest month of the year, with a mean temperature of 80.5°. This is exactly normal. The highest temperatures occurred in August, 108° at Magnolia on August 13 being the highest reported in the state during 1948. El Dorado reported 105° on August 15. All maximum temperatures were well within the limits established by previous years.

PRECIPITATION

The total rainfall for 1948 was 50.09 inches, which is 1.64 inches above the 58-year average. February was the wettest month, with an average rainfall of 6.08 inches. September was the driest with 0.88 inch. The greatest annual total was 70.56 inches at Stuttgart; the least, 31.46 inches at Fort Smith. The greatest monthly total for any individual station was 15.16 inches at West Fork in August. Compton had no rain during September, and numerous stations had only a trace. Precipitation throughout the year was ample for diversified agriculture.

STORMS

A glaze storm starting January 26 in the two southern tiers of counties, disrupted communication lines, power lines, transportation, and damaged forests and roads, the total damage being estimated at near \$20,000,000.

A small tornado occurred March 25 in Crawford and Washington Counties, doing property damage estimated at \$14,000. At about the same time tornadoes occurred at Booneville and Caulksville in Logan County, with \$5,000 damage

GENERAL SUMMARY (Continued)

reported. Thunderstorm and high wind damage on March 30 was about \$5,000. A severe local thunderstorm in April did property damage estimated at \$36,000. A severe thunderstorm and heavy hail at Union, Ouachita, Calhoun and Bradley Counties on April 8 did extensive damage estimated at \$1,100,000. Heavy hail in Washington County on May 15 did damage estimated at \$50,000. There was one death due to lightning in Conway County on May 5. Hail damage in Pike County on June 6 was \$33,000. Lightning set fire to storage facilities of an oil refinery in El Dorado on June 6, and damage estimated at \$10,000 resulted. During a violent thunderstorm at Little Rock on June 16 wind damage of \$20,000 occurred, and elsewhere over the state additional \$25,000 damage occurred on this date. At Stuttgart on August 26 a wind storm did \$5,000 property damage. Property damage at Pine Bluff and Forrest City during August amounted to \$35,000, and thunderstorm and wind damage in November was approximately \$140,000.

FLOODS

There were minor floods on the Petit Jean, Ouachita and Lower White Rivers in February, but loss was small. Minor floods in March occurred on all rivers, being most serious on the Ouachita, where several thousand acres were inundated in the Camden area. Minor floods and slight damage occurred in April. The most destructive flood of the year, but which did not reach major proportions, occurred in June on the Arkansas, White, Black and Ouachita. Considerable crop damage resulted, but the water receded in time for replanting. For the year as a whole, the flood loss was not large, and floods were not of major proportions. (WCH)

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nation-wide net of rain gages, mostly of the recording type, which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U. S. Weather Bureau, Washington 25, D. C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

ARKANSAS
1948

Table 1

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure
ALUM FORD	34.5	- 6.1	42.7M	- 2.1	51.2	- 1.9	66.4	4.8	69.2	- 1.1	77.9M	1.6	80.4	0.2	77.9	- 1.9	73.5	- 0.3	61.9	- 2.2	52.3M	- 0.8	45.0	1.2	61.1	- 0.4
ARKADELPHIA	34.0	- 9.8	42.8	- 3.1	52.5	- 3.3	67.1	4.7	70.4	- 0.4	79.7	1.6	83.1	1.9	79.5	- 1.5	74.3	- 1.9	60.6	- 3.8	50.6M	- 2.6	45.7	1.2	61.7	- 1.4
ASHOON	34.5		41.2M		51.1		66.6		70.1		78.8		81.3		79.7		73.3M		61.6		50.4		46.5M		61.3	
BATESVILLE AIRWAY	32.4	- 6.1	41.0	- 0.2	48.9	- 1.5	64.6	5.3	66.9	- 0.7	75.9	- 0.4	79.5	- 0.7	77.7	- 1.6	72.1	- 0.8	58.8	- 2.4	50.6	1.5	43.2	2.5	59.3	- 0.4
BATESVILLE LIVEST	31.6		39.4		49.4		65.4M		69.9		74.8		78.1M		76.2M		71.7		57.6		49.2		41.7		58.4	
BEE BRANCH	33.0	- 7.5	41.0	- 1.7	49.9	- 1.4	65.1	4.4	67.7	- 0.6	75.6	- 1.1	79.2	- 2.0	77.6	- 2.4	73.1	- 1.2	60.4	- 2.2	50.6	- 0.1	43.0	1.0	59.7	- 1.2
BENTON	30.4	- 9.2	39.2	- 3.9	50.0	- 2.6	64.8	4.3	68.0	- 0.2	76.8	0.4	80.8	0.1	78.5	- 1.4	72.3	- 2.3	58.0M	- 4.6	49.7	- 0.6	43.6	1.6	59.4	- 1.5
BENTONVILLE	28.0	- 8.6	35.9	- 3.9	42.3	- 5.7	62.3	4.6	64.3	- 1.2	73.5	- 0.6	77.0	- 1.4	75.2	- 2.7	70.1	- 1.0	57.1	- 2.4	46.1	- 1.9	40.2	1.4	56.0	- 2.0
BETHESDA	30.9		38.2		48.5		64.0		65.9		74.6		76.8		74.5		69.6		56.1		48.4		42.0		57.5	
BLITHEVILLE	29.1M	-10.8	42.5M	- 0.9	51.0	- 0.2	65.5	4.5	70.2	0.0	78.8	0.8	81.7	0.2	79.3	- 0.9	72.1	- 2.1	59.1	- 4.3	51.5	1.3	44.0	2.1	60.4	- 0.9
BOONEVILLE	35.8	- 5.4	43.7	- 1.8	51.6	- 1.7	66.9	4.7	69.2	- 0.7	79.1	1.2	81.1	- 1.7	79.2	- 3.2	70.7	- 4.8			54.4M	- 2.5				
BRINKLEY	34.4	- 7.6	42.4	- 1.8	53.7	- 0.4	67.6	5.6	69.9	- 0.1	78.4	0.5	81.5	0.5	78.8	- 1.6	72.9	- 1.9	60.9M	- 1.7	51.3	- 1.3	47.5	2.2	60.4	
CAMDEN 1	31.5M	-13.0	43.9M	- 3.4	54.4	- 0.9	68.5	5.1	71.7	- 0.7	80.8	2.3	83.6	2.1	80.9	0.1	74.4	- 1.2			52.1	- 1.3	42.8	2.2		
CAMP CHAFFEE	33.2M		40.8M		48.9		65.2M		68.7M		78.4M		81.4M		79.1M		74.4M		60.5M		51.3		47.5		60.4	
CONWAY	35.6	- 6.4	42.6	- 2.1	52.0	- 1.6	66.9	4.7	69.5	- 0.5	77.7	- 0.7	80.4	- 1.8	78.3	- 3.5	72.2	- 2.6	60.1	- 3.7	52.2	0.4	45.4	2.4	61.1	- 1.3
CORNING	30.2	-7.8	38.0	- 2.2	48.7	- 2.1	64.5	4.6	67.5	- 0.9	76.4	0.0	80.4	0.3	78.7	0.1	72.0	- 0.7	57.1	- 3.4	50.3	1.7	41.9	2.0	58.8	- 0.7
CROSSETT	37.6	- 7.3	47.4	- 0.2	57.4	- 1.9	68.5	5.3	72.0	- 0.6	79.9	1.2	83.4	1.8	79.7	- 1.9	74.3	- 1.3	62.9	- 2.6	54.7	0.9	49.5	2.9	64.0	0.1
CUMMINS FARM	34.9		42.8		54.4		66.8		69.9		79.1		81.3		77.6		72.0		60.1		51.7		46.2		61.4	
DARDANELLE	36.2	- 5.0	41.9	- 3.0	51.3	- 2.0	67.4	4.8	70.2	- 0.1	78.6	0.1	80.5	- 1.8	78.4	- 2.7	73.1	- 2.3	58.8	- 5.0	49.4	- 2.3	42.3	- 0.5	60.7	- 1.6
DE QUEEN	33.6	- 6.6	44.3M	- 3.6	53.3	- 2.4	67.6	4.3	70.0	- 0.4	78.0	0.0	81.2	0.1	79.9	- 1.9	74.0	- 1.6	61.4	- 2.7	51.6	- 1.0	43.9	- 1.3	61.8	- 1.4
DES ARC	33.4		39.8		50.1		67.1		68.6		78.1		81.4		78.0		72.4		58.4		51.0		44.3		60.2	
DEVILS KNOB	29.4		36.8		46.5		65.8M		66.7		74.7		75.4		75.4		70.8		59.7		50.8M		40.4M		57.7	
DUMAS 1	36.2	- 8.3	44.8	- 3.1	55.9	- 0.3	68.5	5.5	70.9	- 0.5	79.7	0.5	82.1	- 0.3	79.4	- 2.6	74.0	- 2.1	63.1M	- 2.1	53.3	- 0.2	48.5	2.2	63.1	- 0.8
EL ODRADO	37.6	- 8.6	46.3	- 3.0	55.0M	- 0.5	69.6	5.1	72.8	- 1.2	82.4	2.5	84.9	2.3	82.5	0.2	76.4	- 0.8			54.2M	- 0.9	48.9	1.9		
EUREKA SPRINGS	31.0	- 7.3	39.6	- 1.5	48.8	- 4.2	65.7	6.6	68.8	- 0.9	75.3	0.7	77.6	- 2.1	75.9	- 2.9	71.5	- 0.8	59.2	- 2.0	50.0	0.1	42.1	2.0	58.3	- 1.0
FAYETTEVILLE	31.4		40.2		46.4		65.9		66.1		75.5		78.1		76.2		70.6		57.7		49.4		43.1		58.4	
FAYETTEVILLE EX S	31.4	- 6.6	39.9	- 0.5	45.9	- 3.8	64.4	5.5	69.5	- 1.0	75.0	0.4	77.6	- 1.2	75.4	- 3.2	70.0	- 2.1	58.0	- 3.0	49.7	0.4	42.7	2.6	58.0	- 1.0
FORDYCE	37.2	- 7.5	46.4	- 1.8	56.7	- 2.1	68.2	4.6	72.4	- 1.1	81.3M	2.3	84.3	2.3	80.9	- 0.2	75.6	- 0.7	65.1	- 0.7	55.1	1.7	50.2	4.3	64.4	0.6
FORT SMITH WB AIRPORT	33.4	- 6.1	42.4	- 0.4	49.2	- 3.4	66.8	5.0	69.0	- 0.6	78.9	1.4	81.5	0.0	79.3	- 1.2	74.0	- 0.0	60.9	- 1.9	50.4	- 0.6	43.8	2.0	60.8	- 0.5
GILBERT	29.4		37.8		45.9		62.4		66.0		75.0		77.7		75.7		69.7		55.0		47.0		38.6		56.7	
GRANNIS	33.5	- 8.0	42.0	- 3.1	50.0	- 1.7	65.8	5.4	67.9	- 0.2	77.5	1.8	78.9	- 0.6	77.2	- 2.5	71.3	- 2.7	60.7	- 2.8	48.7	- 2.2	43.8	- 0.7	59.8	- 1.4
GRAVETTE	30.8	- 5.8	39.0	- 0.0	45.9	- 2.8	64.8	7.5	65.3	- 0.3	74.8	0.7	77.8	- 0.6	76.1	- 2.0	70.8	- 0.4	58.1	- 2.0	48.8	- 2.8	42.1	3.6	57.9	- 0.1
GREEN MOUNTAIN	29.2		37.6		45.9		68.6		69.2		78.8		75.9		73.0		68.2		56.9		46.7M		36.1M		56.6	
HARRISON	30.6	- 6.2	37.4	- 2.1	44.9	- 3.9	61.5	3.7	64.1	- 2.1	73.8	- 0.3	76.9	- 1.2	74.3	- 3.5	68.7	- 2.0	56.9	- 2.8	49.2	0.8	41.0	2.4	56.6	- 1.4
HARRISON AIRWAY																										
HELENA	34.2	- 8.9	42.6	- 2.3	52.5	- 1.3	66.4	3.8	70.8	0.1	79.8	1.5	82.8	1.4	79.0	- 1.7	73.2	- 2.1	60.9	- 3.0	52.2	- 0.5	46.1M	1.9	61.7	- 0.9
HOPE	34.4	-10.2	43.2	- 4.1	52.1	- 3.5	67.2	3.4	70.3	- 0.7	79.4	0.7	82.7	1.0	81.1	- 0.8	75.0	- 1.0	60.6M	- 2.6	51.3	- 1.9	47.2	0.4	62.2	- 1.6
HOT SPRINGS	36.6	- 6.8	44.0	- 2.8	54.4	- 0.2	69.2	6.1	71.2	- 0.9	80.2	1.8	82.5	0.2	80.5	- 1.2	75.7	- 0.1	63.1	- 1.8	53.4	- 0.4	47.2	2.8	63.2	- 0.1
JONESBORO	31.7	- 8.5	39.8	- 3.0	49.3	- 2.8	64.2	2.9	67.8	- 1.9	77.1	- 0.9	80.3	- 1.0	78.3	- 2.0	71.8	- 2.6	58.7M	- 4.2	50.2	- 1.7	42.3	1.0	59.3	- 2.0
KEO	35.6		42.6		55.4		67.5		69.8		78.8		81.3		78.7		72.7		60.8		53.1		46.6		61.7	
LEAO HILL	30.1	- 6.8	38.5	- 0.1	45.9	- 2.5	62.3	3.5	64.7	- 2.2	74.8	- 0.6	78.3	- 1.8	76.1	- 3.0	69.9	- 2.0	56.2	- 4.2	47.5M	0.0	40.3	0.9	57.1	- 1.5
LITTLE ROCK WB AP	34.9	- 6.5	42.2	- 2.7	51.9	- 1.1	67.5	5.4	69.9	- 0.4	79.8	2.4	82.1	1.2	79.2	- 0.6	73.8	- 2.3	61.1	- 2.5	52.5	0.4	45.9	1.7	61.8	- 0.2
LUTHERVILLE	32.6	- 7.4	41.0	- 1.5	49.0	- 2.4	64.4	4.2	67.6	- 0.3	76.4	0.4	78.5	- 1.8	76.9	- 3.1	72.6	- 1.4	62.7M	- 0.2	51.4	0.6	45.3	3.7	59.9	- 0.7
MAGNOLIA	38.5	- 8.3	45.9M	- 4.8	58.9M	- 2.4	70.0	5.1	72.2	- 0.3	80.9	1.3</														

ARKANSAS
1948

[illegible]

See reference notes following Station Index

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

ARKANSAS
1948

Table 2-Continued

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure
ICELEOD	2.62		5.18		3.71		1.81		5.27		4.24															
INDEX	2.50	1.78	3.08	0.43	3.40	0.84	2.25	2.40	6.50	2.19	2.10	1.11														
JASPER					3.58		1.88		4.46		3.81		6.53		4.92		0.08		2.03		3.67		5.17			
JESSIEVILLE													2.75	0.70	3.43	0.53	0.19	2.55	3.33	0.02	5.74	1.29	4.37	0.15		
JONESBORO	3.14	1.88	5.78	2.00	8.99	4.22	2.60	1.97	2.18	1.84	6.93	3.19	1.73	1.50	0.73	2.73	3.04	0.32	2.94	0.33	8.20	4.84	6.63	2.25	52.89	5.93
KEO	3.46		6.81		8.05		5.22		5.30		4.75		5.66		4.84		1.64		3.96		8.48		2.52		60.69	
LAKE CITY	3.91		6.06		8.51		4.10		2.61		5.37		2.84		0.67		3.07		3.21		5.16		6.17		51.68	
LANGLEY	0.87		7.74																							
LEAD HILL	0.60	2.24	3.59	0.48	3.38	0.31	1.89	2.09	4.16	1.24	6.38	1.95	3.38	0.31	2.50	1.37	0.35	3.16	2.65	0.71	4.87	1.49	3.68	0.68	37.43	- 6.83
LEE CREEK	3.46		4.96		6.82		3.23		6.65		7.86		3.07		8.10		0.40		1.91		3.43		4.35		54.24	
LEOLA	1.59		9.42				2.36		4.88		0.53		2.82		4.45		0.50		2.57		7.38		3.73			
LITTLE ROCK WB AP	1.56	3.17	7.14	3.50	6.43	1.81	4.54	0.65	4.56	0.22	2.25	1.51	3.41	0.09	3.31	0.44	1.20	1.97	1.50	1.21	7.99	3.80	2.70	1.44	46.59	- 1.79
LITTLE ROCK FLT P					7.08		5.38		5.66		4.08		5.85		3.13		0.20		3.06		8.71		2.91			
LOCK AND DAM NO 3	3.78		4.43		4.43		2.05		4.61		8.94		1.88		2.65		1.01		1.73		4.98		5.61		46.10	
LOST CORNER	4.74		6.95		5.01		4.63		5.53		6.61		3.21		2.35		0.32		2.67		4.19		6.37		46.10	
LURTON	5.13		6.29		3.65		2.66		6.14		6.53		2.77		5.50		0.46		3.29		5.31		6.40		54.11	
LUTHERVILLE	0.80	3.22	6.19	2.78	3.11	1.06	2.21	0.73	5.33	0.28	4.65	0.09	3.76	0.22	5.49	1.68	0.13	3.97	3.27	0.32	5.32	1.14	5.32	1.14		
MADISON	6.10	0.87	9.74	5.23	10.13	4.91	4.66	0.44	5.10	1.44	6.60	3.63	5.10	0.30	1.95	1.38	1.17	1.73	2.22	0.69	5.15	1.05	3.51	2.03	61.43	12.04
MAGNOLIA	5.14	0.30					2.88	2.01	6.88	2.27	0.37	3.13	2.27	1.74	2.46	0.11	1.38	0.72	2.13	0.85	10.96	6.33	2.25	3.49		
MALVERN			5.56		6.57		3.36		4.98		0.90		2.70		3.00		0.31		4.10		8.01		2.70			
MAMMOTH SPRING	4.61	0.97	4.62	1.91	4.68	1.28	3.69	1.39	3.88	0.73	9.46	5.24	1.50	2.00	1.34	2.68	0.19	3.33	1.98	1.60	5.85	2.45	4.80	1.53	46.60	1.65
MAPIANA	4.57	0.12	10.41	6.53	6.89	2.01	6.09	1.95	5.89	1.97	3.51	0.04	6.02	2.63	4.04	1.13	1.22	1.52	2.30	0.86	6.23	2.86	2.84	1.79	60.01	14.83
MARKEO TREE	4.25	1.18	6.20	2.53	9.16	4.00	5.46	0.19	3.02	1.78	5.25	1.81	2.25	1.36	4.32	0.78	2.19	0.77	3.83	0.11	4.33	0.25	3.66	0.88	53.92	3.32
MARSHALL	4.86	1.65	4.26	1.72	3.05	0.93	2.17	3.81	3.58	3.21	4.56	0.05	4.07	0.50	5.28	0.01	0.56	3.47	3.19	0.79	5.91	2.32	4.83	1.10	46.32	- 4.88
MARVELL	3.07		9.57		6.19		5.08		5.32		2.63		3.92		4.26		2.98		0.82		6.85		3.07		53.76	
MAUMEE													4.12		4.39		0.47		2.04		4.66		5.57			
MELBOURNE	1.36		4.36										2.17		3.22						4.81					
MENA	7.69	3.74	6.21	2.85	3.48	1.02	2.66	2.92	9.53	3.32	1.90	3.08	6.02	2.14	7.15	2.89	1.70	2.16	5.62	1.93	2.82	0.75	3.87	0.12	58.65	6.82
MONTICELLO	2.69		6.61		6.39		3.32		4.83		2.11		4.20		4.49		1.15		1.64		8.72					
MOROBAY L D B	2.90		8.13		5.06		4.98		6.53		1.18		2.22		2.65		1.80		1.51		7.68		2.70		47.34	
MORRILLTON	3.51	0.35	6.73	3.52	4.15	0.02	4.99	0.09	5.38	0.76	4.86	0.94			8.08	5.16	0.91	1.92	1.88	1.80	5.55	1.68	4.88	0.84		
MOUNT IDA 1	1.22	3.13	6.18	2.22					6.66	0.98	1.64	2.54	3.00	0.50					3.19	0.52	4.10	0.05	5.77	1.44		
MOUNT IDA 2													2.23		4.08											
MOUNT MAGAZINE																										
MOUNTAIN HOME	1.60	1.27	4.25	1.68	3.05	0.62	2.40	2.24	3.15	2.16	8.90	4.40	2.70	0.82	2.65	1.18	0.35	3.40	1.20	2.76	5.00	1.83	5.40	1.86	40.65	- 4.68
MOUNTAIN VIEW	1.90		5.12		3.38		1.88		5.35		7.46		3.90		2.63		1.17		2.49		4.64		6.02		45.94	
MOUNTAINBURG	1.22		4.58		4.94		2.82		5.62		5.74		4.20		4.31		0.41		2.15		2.07		4.26		42.32	
MULBERRY	4.03		3.98		4.57		4.57		5.67		4.04		4.01		4.18		1.17		1.99		2.42		4.92		44.74	
NASHVILLE	2.14		4.82		5.45		2.70		7.89		2.02		2.97		2.56		1.22		3.95		4.50		2.83		43.05	
NASHVILLE SCS											2.04															
NATHAN													3.44		4.18		0.79		4.30		3.89		3.25			
NEWHOPE													5.41		3.78		1.15		3.06		3.55		3.55			
NEWPORT	4.07	0.88	5.84	2.30	6.93	2.14	3.03	1.90	4.38	0.15	12.15	8.36	3.57	0.35	4.52	1.05	2.50	0.92	2.82	0.15	7.90	3.81	4.77	0.67	62.48	14.98
NIMROD DAM	3.67		5.89		4.20		4.00		5.26		3.30		6.96		4.15		0.70		3.03		3.89		3.80		48.85	
NORFOLK OAM	5.25		4.49		3.69		5.10		3.24		6.12		1.08		1.90		0.54		5.93		3.93		4.50			
ODELL	3.09		4.66		6.01		2.23		5.94		8.34		2.65		9.46		1.14		1.89		3.32		5.00		53.73	
ODEN	6.00	1.99			3.88	0.07	3.16	2.78	5.89	0.82													3.35	0.88		
OKAY	3.56	0.95	4.07	0.17	5.30	0.69	3.72	0.84	6.49	1.63	2.37	0.60	2.94	0.66	2.03	0.76	0.35	2.47	4.92	1.94	4.13	0.23	2.11	3.04	41.99	5.12
OSCEOLA			4.99	0.53	8.25	3.13	1.71	2.77	1.44	3.32	5.17	1.88	3.62	0.25	1.25	2.00										

TEMPERATURE EXTREMES AND FREEZE DATA

ARKANSAS
1948

Table 3

Station	Highest	Date	Lowest	Date	Last spring minimum of			First fall minimum of			No. of days between dates		
					24° or below	28° or below	32° or below	32° or below	28° or below	24° or below	24° or below	28° or below	32° or below
ALUM FORK	97	6/13↑	7	1/24	3/13 (14°)	3/13 (14°)	3/13 (14°)	10/18 (31°)	11/30 (27°)	12/8 (24°)	270	262	219
ARKADELPBIA	102	7/26	9	1/18↑	3/14 (20°)	3/14 (20°)	3/30 (32°)	10/18 (30°)	11/10 (28°)	11/30 (24°)	261	241	202
ASHDOWN	102	8/13	11	1/23	3/13 (24°)	3/13 (24°)	3/13 (24°)	10/17 (28°)	10/17 (28°)	12/5 (21°)	268	218	218
BATESVILLE AIRWAY	98	8/23	7	1/24↑	3/13 (17°)	3/13 (17°)	3/28 (32°)	10/17 (31°)	10/18 (27°)	12/8 (23°)	270	219	203
BATESVILLE LIVESTOCK	98	9/24	3	1/24	3/13 (14°)	3/28 (28°)	3/28 (28°)	10/18 (21°)	10/18 (21°)	10/18 (21°)	219	204	204
BEE BRANCH	101	9/22	6	1/24	3/13 (17°)	3/14 (28°)	3/29 (31°)	10/18 (24°)	10/18 (24°)	10/18 (24°)	219	218	203
BENTON	99	9/23	4	1/24	3/14 (19°)	3/30 (27°)	3/30 (27°)	10/18 (26°)	10/18 (26°)	11/29 (20°)	260	202	202
BENTONVILLE	97	7/8 ↑	-12	3/12	3/28 (23°)	3/28 (23°)	4/14 (31°)	10/18 (25°)	10/18 (25°)	11/22 (24°)	239	204	187
BETHESDA	96	9/23	3	1/24	3/12 (13°)	3/12 (13°)	3/28 (29°)	10/18 (20°)	10/18 (20°)	10/18 (20°)	220	220	204
BLYTHERVILLE	100	8/24	-	-	3/13 (23°)	3/13 (23°)	3/28 (32°)	10/18 (30°)	11/25 (20°)	11/25 (20°)	257	257	204
BOONEVILLE 3 MI. SW	100	9/21↑	7	1/24	3/13 (17°)	3/13 (17°)	3/14 (32°)	-	-	-	-	-	-
BRINKLEY	97	6/13↑	6	1/18	3/13 (18°)	3/13 (18°)	3/13 (18°)	10/18 (27°)	10/18 (27°)	-	-	219	219
CAMDEN 1	101	7/18↑	-	-	3/13 (21°)	3/14 (26°)	3/14 (26°)	-	-	-	-	-	-
CAMP CHAFFEE	-	-	7	3/11	3/13 (16°)	3/13 (16°)	3/29 (30°)	10/18 (27°)	10/18 (27°)	11/23 (18°)	255	219	203
CONWAY	98	7/30	7	1/24	3/13 (19°)	3/13 (19°)	3/14 (30°)	10/18 (28°)	10/18 (28°)	11/30 (24°)	262	219	218
CORNING	100	8/24	4	1/24↑	3/13 (17°)	3/13 (17°)	3/28 (31°)	10/18 (25°)	10/18 (25°)	12/8 (22°)	270	219	204
CROSSETT	102	7/25↑	-3	1/18	3/13 (17°)	3/14 (27°)	4/2 (32°)	10/18 (27°)	10/18 (27°)	11/30 (23°)	262	218	199
CUMMINS FARM	98	7/7 ↑	1	1/18	3/13 (20°)	3/13 (20°)	3/14 (31°)	10/18 (27°)	10/18 (27°)	12/11 (24°)	274	219	218
DARDANELLE	98	6/7	8	1/24↑	3/14 (19°)	3/14 (19°)	3/14 (19°)	10/18 (30°)	11/10 (26°)	11/30 (24°)	261	241	218
DE QUEEN	101	8/13	9	1/24	3/13 (19°)	3/13 (19°)	3/14 (32°)	10/18 (28°)	10/18 (28°)	11/29 (24°)	261	219	218
DES ARC	100	8/22	9	1/24	3/13 (20°)	3/13 (20°)	3/14 (31°)	10/18 (29°)	11/29 (26°)	12/8 (24°)	270	261	218
DEVILS KNOB	97	7/21	-2	1/24↑	3/28 (21°)	3/28 (21°)	3/28 (21°)	10/18 (28°)	10/18 (28°)	11/22 (24°)	239	204	204
DUMAS 1	101	7/15	4	1/18	3/13 (20°)	3/13 (20°)	3/14 (32°)	10/18 (28°)	10/18 (28°)	12/26 (23°)	289	219	218
EL DORADO	107	8/15	3	1/18	3/14 (21°)	3/14 (21°)	3/14 (21°)	10/18 (29°)	11/29 (28°)	12/31 (23°)	292	260	218
EUREKA SPRINGS	95	8/22↑	-1	3/11↑	3/28 (24°)	3/28 (24°)	3/28 (24°)	10/18 (27°)	10/18 (27°)	11/23 (21°)	240	204	204
FAYETTEVILLE	94	8/22↑	-5	3/12	3/13 (9°)	3/28 (27°)	3/28 (27°)	10/18 (26°)	10/18 (26°)	11/23 (19°)	255	204	204
FAYETTEVILLE EXP. STN.	97	6/13	-11	3/12	3/13 (5°)	3/28 (26°)	4/14 (31°)	10/18 (24°)	10/18 (24°)	10/18 (24°)	219	204	187
FORDYCE	101	7/15	4	1/18	3/13 (22°)	3/13 (22°)	3/13 (22°)	10/18 (31°)	12/10 (28°)	12/26 (24°)	288	272	219
FORT SMITH WB AP	99	7/25	7	3/11	3/13 (19°)	3/13 (19°)	3/13 (19°)	10/18 (26°)	10/18 (26°)	11/23 (19°)	224	219	219
GILBERT	98	9/23	-1	1/28	3/14 (12°)	4/2 (27°)	4/3 (31°)	10/12 (29°)	10/18 (22°)	10/18 (22°)	218	199	192
GRANNIS	96	8/13	9	1/23	3/12 (16°)	3/12 (16°)	3/28 (31°)	10/17 (28°)	10/17 (28°)	12/25 (24°)	268	219	203
GRAVETTE	96	9/22	-14	3/12	3/13 (5°)	3/28 (25°)	4/14 (29°)	10/12 (32°)	10/18 (22°)	10/18 (22°)	219	204	181
GREEN MOUNTAIN	98	6/21↑	2	1/28	3/12 (7°)	3/28 (28°)	3/28 (28°)	10/19 (31°)	11/10 (26°)	11/29 (20°)	262	227	205
HARRISON	96	8/22↑	-10	3/12	3/28 (21°)	3/28 (21°)	4/15 (30°)	10/18 (24°)	10/18 (24°)	10/18 (24°)	204	204	186
HARRISON AIRWAY	-	-	-	-	-	-	-	10/17 (29°)	10/18 (24°)	10/18 (24°)	-	-	-
HELENA	98	7/8	6	1/18	3/13 (20°)	3/13 (20°)	3/14 (31°)	10/18 (32°)	12/26 (23°)	12/26 (23°)	288	288	218
BOPE	101	8/15	7	1/19	3/14 (21°)	3/14 (21°)	3/14 (21°)	10/18 (32°)	11/29 (27°)	12/8 (24°)	269	260	218
BOT SPRINGS NATL. PARK	102	7/26	8	1/24	3/13 (22°)	3/13 (22°)	3/13 (22°)	11/23 (31°)	12/10 (27°)	12/26 (21°)	288	272	255
JONESBORO	99	8/23	6	1/24↑	3/14 (23°)	3/14 (23°)	3/28 (31°)	10/18 (28°)	10/18 (28°)	12/10 (23°)	271	218	204
KEO	98	8/13	9	1/24	3/13 (21°)	3/13 (21°)	3/14 (30°)	10/18 (27°)	10/18 (27°)	12/8 (23°)	270	219	218
LEAD HILL	98	8/22↑	-14	3/12	3/28 (23°)	3/28 (23°)	4/15 (32°)	10/12 (31°)	10/18 (22°)	10/18 (22°)	204	204	180
LITTLE ROCK WB AP	98	7/25	10	1/24	3/13 (21°)	3/13 (21°)	3/13 (21°)	11/10 (32°)	12/8 (27°)	12/26 (21°)	288	270	242
LUTHERVILLE	98	8/13	3	1/24	3/13 (13°)	3/13 (13°)	3/29 (32°)	10/18 (27°)	10/18 (27°)	11/23 (24°)	255	219	203
MAGNOLIA	108	8/13	7	1/18	3/13 (22°)	3/13 (22°)	3/13 (22°)	10/18 (31°)	11/29 (28°)	12/31 (22°)	293	261	219
MALVERN	101	7/17	-	-	3/13 (18°)	3/13 (18°)	3/14 (31°)	10/18 (30°)	10/19 (28°)	12/8 (24°)	270	220	218
MAMMOTH SPRINGS	98	8/22↑	1	1/24	3/15 (22°)	4/2 (28°)	4/3 (30°)	10/18 (23°)	10/18 (23°)	10/18 (23°)	217	199	198
MARIANNA	97	7/7	-7	1/18	3/13 (21°)	3/13 (21°)	3/23 (29°)	10/18 (25°)	10/18 (25°)	12/10 (23°)	272	219	209
MARKED TREE	98	7/31↑	7	1/24↑	3/14 (19°)	3/14 (19°)	3/14 (19°)	10/18 (27°)	10/18 (27°)	12/8 (24°)	269	218	218
MARSHALL	96	8/22	1	1/24↑	3/13 (16°)	3/13 (16°)	3/17 (32°)	10/18 (24°)	10/18 (24°)	10/18 (24°)	219	219	215
MENA	98	6/19	6	1/24	3/13 (21°)	3/13 (21°)	3/28 (32°)	10/18 (31°)	11/10 (28°)	11/29 (24°)	261	242	204
MONTICELLO	99	7/8 ↑	6	1/18	3/13 (22°)	3/13 (22°)	3/13 (22°)	-	12/20 (27°)	10/19 (32°)	-	282	220
MORRILTON	100	6/14	7	1/24	3/14 (23°)	3/14 (23°)	3/14 (23°)	10/18 (31°)	11/30 (27°)	12/10 (23°)	271	261	218
MOUNT IDA 1	-	-	0	1/24	-	-	4/15 (32°)	10/12 (32°)	10/18 (24°)	10/18 (24°)	-	-	180
MOUNTAIN BOME	96	9/22	-2	3/12	3/13 (7°)	3/28 (27°)	3/28 (27°)	10/18 (22°)	10/18 (22°)	10/18 (22°)	219	204	204
MOUNT MAGAZINE	-	-	-	-	-	-	-	11/9 (28°)	11/9 (28°)	11/29 (21°)	-	-	-
NASHVILLE	101	7/26	10	1/24	3/13 (20°)	3/14 (28°)	3/29 (31°)	10/18 (29°)	11/10 (28°)	12/6 (24°)	268	241	203
NEWPORT	101	7/7	9	1/24	3/14 (23°)	3/14 (23°)	3/14 (23°)	10/18 (29°)	11/30 (26°)	12/8 (24°)	269	261	218
NIMROD DAM	100	6/14↑	4	1/24	3/14 (16°)	3/14 (16°)	3/29 (29°)	10/18 (28°)	10/18 (28°)	11/23 (23°)	254	218	203
NORFORK DAM	98	7/8 ↑	4	1/18↑	3/14 (15°)	3/28 (28°)	4/2 (30°)	10/18 (26°)	10/18 (26°)	11/23 (20°)	254	204	199
ODEN	-	-	-	-	-	3/28 (28°)	3/28 (28°)	10/18 (28°)	10/18 (28°)	-	-	-	-
OKAY	102	8/13↑	11	1/24	3/13 (21°)	3/13 (21°)	3/14 (30°)	10/18 (27°)	10/18 (27°)	11/30 (24°)	262	219	218
OZARK	98	9/8 ↑	9	1/24↑	3/14 (19°)	3/14 (19°)	3/29 (31°)	10/18 (28°)	10/18 (28°)	11/23 (23°)	254	218	203
PARAGOULD	98	8/23	4	1/24↑	-	-	-	10/17 (24°)	10/17 (24°)	10/17 (24°)	-	-	-
PERRYVILLE	-	-	4	1/25	3/13 (15°)	3/14 (26°)	3/29 (29°)	10/25 (28°)	10/25 (28°)	11/28 (20°)	260	225	210
PINE BLUFF	100	7/8	4	1/18	3/14 (22°)	3/14 (22°)	3/14 (22°)	11/29 (29°)	12/8 (28°)	12/26 (23°)	287	269	260
PINE BLUFF CAA	-	-	-	-	-	-	-	10/18 (32°)	11/29 (28°)	12/26 (23°)	-	-	-
POCAHONTAS	100	8/23	5	1/24↑	3/13 (17°)	3/14 (28°)	3/28 (30°						

TOTAL EVAPORATION AND WIND MOVEMENT

ARKANSAS
1948

Table 4

Station		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual	Departure fr. normal
BETHESDA	EVAP	-	-	-	-	7.129	8.366B	6.974	6.387B	7.567B	4.421B	-	-	-	
	WIND	2606	-	-	3147	1487	1239	-	486	681	1164	1871	1964	-	
BOPE	EVAP	-	2.408B	4.366B	6.418	6.373	7.621	7.575	6.933	7.159	4.930B	2.623B	2.205B	-	
	WIND	1279	-	2161	1046	1446	998	881	574	1090	891	1216	-	-	
NIMROD DAM	EVAP	-	-	-	-	6.261	7.469	6.959	5.757	5.458	3.947	2.414B	-	-	
	WIND	-	936	1998	1582	1168	840	530	183	235	317	962	825	-	
NORFORK DAM	EVAP	-	-	-	7.454B	5.739B	7.601B	7.160B	6.590B	5.907	3.843	-	-	-	
	WIND	1483	1523	2281	1777	1118	1041	-	545	864	772	1340	1525	-	
RUSSELLVILLE	EVAP	-	-	-	-	-	-	-	-	-	-	-	1.480	-	
	WIND	-	-	-	-	-	-	-	-	-	-	-	815	-	
STUTTGART 9 MI. ESE	EVAP	-	-	3.149B	5.067	5.628	6.624B	6.375	5.650	4.879	3.244	1.721B	1.449B	-	
	WIND	1670	-	2870	1920	1390	1250	1050	455	880	720	1727	1988	-	

STATION INDEX

ARKANSAS
1948

Station	Former station name	Index No.	County	Drainage	Latitude	Longitude	Elevation above mean sea level (feet)	Years of record			Opened or closed during year		Refer to tables
								Temperature	Precipitation	Evaporation	Month opened	Month closed	
ABBOTT		0006	SCOTT	ARKANSAS	35 04	94 12	624		7				2
ALICIA		0064	LAWRENCE	WHITE	35 54	91 05	256		22				2
ALPINE	ALPINE (NR)	0118	CLARK	OUACBITA	34 14	93 17	-		2				2
ALUM FORK	ALUM FORK RESER.	0130	SALINE	ARKANSAS	34 48	92 52	755	11	11				1 2 3
ALY		0136	YELL	OUACHITA	34 47	93 29	850		6				2
ANTOINE		0178	PIKE	OUACHITA	34 02	93 25	285		6				2
APLIN		0188	PERRY	ARKANSAS	34 58	92 59	400		4				2
APPLETON		0196	POPE	ARKANSAS	35 25	92 53	522		8				2
ARKADELPHIA		0220	CLARK	OUACHITA	34 07	93 03	200	52	52				1 2 3
ARKANSAS CITY		0234	DESHA	MISSISSIPPI	33 37	91 12	145		58				2
ASHDOWN		0286	LITTLE RIVER	RED	33 40	94 08	329	4	4				1 2 3
ATHENS		0300	BOWARD	RED	34 19	93 58	960		0		6/48		2
ATLANTA		0310	COLUMBIA	OUACBITA	33 07	93 02	329		3				2
AUGUSTA		0326	WOODRUFF	WHITE	35 17	91 22	218		13				2
BATESVILLE AIRWAY	6-BATESVILLE	0456	INDEPENDENCE	WHITE	35 46	91 39	363	40	40				1 2 3
BATESVILLE LIVESTOCK		0458	INDEPENDENCE	WHITE	35 49	91 47	571	7	7				1 2 3
BATESVILLE L & D 1	BATESVILLE RIVER	0460	INDEPENDENCE	WHITE	35 45	91 38	277		35				2
BEAR CREEK LAKE		0496	LEE	WHITE	34 43	90 42	220		2				2
BEATY LAKE		0512	ST. FRANCIS	ST. FRANCIS	35 05	90 43	400		7				2
BEAVER		0518	CARROLL	WHITE	36 28	93 46	930		3				2
BEE BRANCH		0528	VAN BUREN	ARKANSAS	35 27	92 24	650	56	56				1 2 3
BEEBE	BEEBE (NR)	0530	WHITE	WHITE	35 04	91 54	250		5				2
BEECB GROVE		0534	GREENE	WHITE	36 09	90 38	298		7				2
BEEDEVILLE		0536	JACKSON	WHITE	35 26	91 06	221		8				2
BENTON		0582	SALINE	SALINE	34 33	92 37	285	19	19				1 2 3
BENTONVILLE		0586	BENTON	ARKANSAS	36 22	94 13	1295	42	42				1 2 3
BERRYVILLE		0616	CARROLL	WHITE	36 22	93 34	1255		5				2
BETHESDA		0644	INDEPENDENCE	WHITE	35 49	91 47	500	8	8	5			1 2 3 4
BIG FLAT		0662	BAXTER	WHITE	36 00	92 24	1250		2				2
BIG FORK		0664	POLK	OUACHITA	34 29	93 58	1100		4				2
BIG LAKE OUTLET		0676	MISSISSIPPI	ST. FRANCIS	35 51	90 08	239		3				2
BLACK ROCK		0746	LAWRENCE	WHITE	36 07	91 06	259		46				2
BLUE MOUNTAIN DAM		0798	YELL	ARKANSAS	35 06	93 39	-		8				2
BLUFF CITY		0800	NEVADA	OUACHITA	33 41	93 09	360		-		6/48		2
BLYTHEVILLE		0806	MISSISSIPPI	ST. FRANCIS	35 56	89 55	252	22	22				1 2 3
BOONEVILLE 3 MI. SW	BOONEVILLE (NR)	0828	LOGAN	ARKANSAS	35 09	93 58	465	33	33				1 2 3
BOONEVILLE		0830	LOGAN	ARKANSAS	35 09	93 55	511		7				2
BOTKINBURG	BOTKINBURG (NR)	0842	VAN BUREN	WHITE	35 39	92 30	1200		3				2
BOUGHTON		0848	NEVADA	OUACBITA	33 52	93 18	235		13				2
BRADFORD		0872	WHITE	WHITE	35 25	91 28	240		3				2
BRINKLEY		0936	MONROE	WHITE	34 54	91 11	205	57	57				1 2 3
BULL SBOALS DAM		1020	BAXTER	WHITE	36 22	92 34	760		1				2
BURDETTE		1052	MISSISSIPPI	MISSISSIPPI	35 49	89 56	240		4				2
CABOT		1102	LONOKE	WHITE	34 59	92 01	289		4		6/48		2
CALICO ROCK		1132	IZARD	WHITE	36 08	92 08	380		43				2
CAMDEN 1	CAMDEN	1152	OUACBITA	OUACHITA	33 36	92 49	116	58	58				1 2 3
CAMDEN 2	CAMDEN	1154	OUACBITA	OUACBITA	33 35	92 51	155		-				2
CAMP CHAFFEE		1172	SEBASTIAN	ARKANSAS	35 18	94 18	419	6	6				1 2 3
CANAAN	CANAAN (NR)	1188	SEARCY	WRITE	35 52	92 44	-		8				2
CARLISLE		1224	LONOKE	ARKANSAS	34 47	91 45	235		7				2
CARPENTER DAM		1238	GARLAND	OUACBITA	34 27	93 01	-		8				2
CLARENDON		1442	MONROE	WHITE	34 41	91 18	172		44				2
CLARKSVILLE		1456	JOHNSON	ARKANSAS	35 29	93 28	370		8				2
CLINTON		1492	VAN BUREN	WHITE	35 35	92 28	510		26				2
COLD SPRINGS		1520	SCOTT	OUACBITA	34 58	93 54	1250		7				2
COMBS		1574	MADISON	WHITE	35 50	93 50	1400		8				2
COMPTON	COMPTON (NR)	1582	NEWTON	WHITE	36 06	93 18	895		5				2
CONWAY		1596	FAULKNER	ARKANSAS	35 05	92 27	309	64	64				1 2 3
CORNING		1632	CLAY	WHITE	36 24	90 35	293	54	54				1 2 3
COTTER		1640	MARION	WHITE	36 14	92 31	440		20				2
COVE		1666	POLK	RED	34 26	94 25	1050		-				2
CROSSETT		1730	ASHLEY	OUACBITA	33 02	91 56	175	25	35				1 2 3
CRYSTAL VALLEY	CRYSTAL VALLEY (NR)	1750	PULASKI	ARKANSAS	34 42	92 26	350		4				2
CULPEPPER	CULPEPPER (NR)	1756	VAN BUREN	WHITE	35 30	92 33	750		6				2
CUMMINS FARM		1768	LINCOLN	ARKANSAS	34 08	91 35	176	4	4				1 2 3
DAISY		1814	PIKE	OUACBITA	34 14	93 45	629		6				2
DANVILLE	DANVILLE SCS #1	1834	YELL	ARKANSAS	35 03	93 24	370		32				2
DARDANELLE		1838	YELL	ARKANSAS	35 13	93 09	330	62	62				1 2 3
DE QUEEN		1948	SEVIER	RED	34 02	94 21	426	14	14				1 2 3
DENVER	DENVER (NR)	1956	CARROLL	WHITE	36 23	93 18	1028		6				2
DERMOTT		1960	CBICOT	MISSISSIPPI	33 31	91 26	140		8				2
DES ARC		1968	PRAIRIE	WHITE	34 58	91 30	204	12	12				1 2 3
DEVILS KNOB		1982	JOHNSON	ARKANSAS	35 43	93 24	2350	11	11				1 2 3
DUMAS 1	DUMAS	2148	DESHA	MISSISSIPPI	33 53	91 30	162	41	41				1 2 3
DUMAS 2		2150	DESHA	MISSISSIPPI	33 53	91 30	-		5				2
DURHAM		2176	WASBINGTON	WRITE	35 57	93 59	1243		8				2
EAGLE GAP		2204	SCOTT	ARKANSAS	34 43	94 19	1150		21				2
EL DORADO		2300	UNION	OUACHITA	33 13	92 40	278	47	47				1 2 3
ELEVEN POINT		2308	RANDOLPB		36 21	91 06					6/48		2
ELKINS		2315	WASHINGTON	WHITE			1364	0	0		6/48		1 2 3
EUREKA SPRINGS		2356	CARROLL	WHITE	36 24	93 45	1465	46	46				1 2 3
EVENING SHADE		2366	SBARP	WHITE	36 05	91 37	490		8				2
FAYETTEVILLE		2442	WASBINGTON	WHITE	36 05	94 10	1370	10	10				1 2 3
FAYETTEVILLE EXP. STN.		2444	WASBINGTON	WHITE	36 06	94 10	1412	60	60				1 2 3
FORDYCE		2540	DALLAS	OUACBITA	33 42	92 22	280	16	16				1 2 3
FOREMAN		2544	LITTLE RIVER	RED	33 43	94 24	400		8				2
FORESTER		2556	SCOTT	ARKANSAS	34 46	93 49	650		7				2
FORREST CITY	FORREST CITY (NR)	2564	ST. FRANCIS	ST. FRANCIS	35 02	90 46	260		8				2
FORT SMITH WB AIRPORT	FORT SMITH (AP)	2574	SEBASTIAN	ARKANSAS	35 20	94 22	458	66	66				1 2 3
FORT SMITH WTR PLANT		2578	CRAWFORD	ARKANSAS	35 39	94 09	793		10				2
FOUNTAIN BILL		2598	ASHLEY	OUACBITA	33 21	91 50	175		5				2
FULTON		2670	HEMPSTEAD	RED	33 37	93 48	260		62				2
GARLAND		2710	MILLER	RED	33 21	93 42	230		4				2
GEORGETOWN		2760	WHITE	WHITE	35 07	91 26	200		35				1 2 3
GILBERT		2794	SEARCY	WHITE	35 59	92 43	650	22	22				2
GLENWOOD		2842	PIKE	OUACBITA	34 20	93 33	547		13				1 2 3
GRANNIS		2908	POLK	RED	34 14	94 20	920	22	22				2
GRAVELLY		2922	YELL	ARKANSAS	34 53	93 41	498		8				2
GRAVETTE		2930	BENTON	ARKANSAS	36 36	94 32	1250	50	50				1 2 3
GREEN FOREST		2946	CARROLL	WHITE	36 20	93 26	1350		8				2
GREEN MOUNTAIN		2952	STONE	WHITE	36 02	92 12	1100	10	10				1 2 3

See reference notes following Station Index

STATION INDEX

ARKANSAS
1948

Station	Former station name	Index No.	County	Drainage	Latitude	Longitude	Elevation above mean sea level (feet)	Years of record			Opened or closed during year		Refer to tables
								Temperature	Precipitation	Evaporation	Month opened	Month closed	
GREENBRIER		2962	FAULKNER	ARKANSAS	35 14	92 14	360		5				2
GREENWOOD		2976	SEBASTIAN	ARKANSAS	35 13	94 15	518		8				2
GURDON		3074	CLARK	OUACHITA	33 54	93 09	210		0		6/48		2
HAMPTON		3098	CALHOUN	OUACHITA	33 32	92 28	202		0		6/48		2
HARDY		3132	SHARP	WHITE	36 19	91 29	362		8				2
HARRISBURG		3160	POINSETT	ST. FRANCIS	35 34	90 44	280		7				2
HARRISON		3164	BOONE	WHITE	36 14	93 07	1052	47	47				1 2 3
HARRISON AIRWAY		3166	BOONE	WHITE	36 14	93 07	1105						1 2 3
HEBER SPRINGS 3 MI. SW		3230	CLEBURNE	WHITE	35 28	92 03	-		6				2
HECTOR	6-HARRISON AIRWAY HEBER SPRINGS (NR)	3235	POPE	ARKANSAS	35 28	92 58	555		0		6/48		2
HELENA		3242	PHILLIPS	MISSISSIPPI	34 32	90 35	200	75	75				1 2 3
HENDERSON		3258	BAXTER	WHITE	36 22	92 14	498		7				2
HILLEMANN		3354	WOODRUFF	WHITE	35 08	91 05	231		5				2
HOPE		3428	HEMPSTEAD	RED	33 43	93 33	375	77	77				1 2 3 4
HOPPER		3438	MONTGOMERY	OUACHITA	34 22	93 41	700		0		6/48		2
HORATIO		3442	SEVIER	RED	33 56	94 22	337		2				2
HOT SPRINGS NATL. PARK	HOT SPRINGS	3466	GARLAND	OUACHITA	34 31	93 03	630	55	55				1 2 3
HUNTSVILLE		3540	MADISON	WHITE	36 05	93 44	1453		8				2
HUTTIG DAM	LOCK AND DAM #6	3556	UNION	OUACHITA	33 02	92 05	60						2
ICELEDO		3570	NEWTON	WHITE	35 52	92 59	1365		4				2
INDEX		3584	LITTLE RIVER	RED	33 35	94 03	300		23				2
JASPER		3600	NEWTON	WHITE	36 01	93 11	857				6/48		2
JESSIEVILLE		3704	GARLAND	OUACHITA	33 42	93 04	730				6/48		2
JONESBORO		3734	CRAIGHEAD	WHITE	35 50	90 42	345	52	52				1 2 3
JUDSONIA		3768	WHITE	WHITE	35 16	91 38	212						2
KEO		3862	LONOKE	ARKANSAS	34 36	92 00	230						1 2 3
KINGSLAND	KINGSLAND (NR)	3904	CLEVELAND	OUACHITA	33 50	92 16	214		5				2
LAKE CITY		3998	CRAIGHEAD	ST. FRANCIS	35 49	90 26	230		8				2
LAKE LEATHERWOOD		4006	CARROLL	WHITE	36 27	93 46	-		3				2
LANGLEY	LANGLEY (NR)	4060	PIKE	OUACHITA	34 19	93 50	-		4				2
LEAD HILL		4106	BOONE	WHITE	36 24	92 54	650	42	42				1 2 3
LEE CREEK	LEE CREEK G. S.	4116	CRAWFORD	ARKANSAS	35 42	94 19	1000		2				2
LEOLA		4134	GRANT	OUACHITA	34 10	92 35	261		5				2
LITTLE ROCK WB AIRPORT	LITTLE ROCK (AP)	4248	PULASKI	ARKANSAS	34 44	92 14	257	68	68				1 2 3
LITTLE ROCK FILT. PLANT		4250	PULASKI	ARKANSAS	34 46	92 19	512				6/48		2
LOCK AND DAM NO. 3		4256	INDEPENDENCE	WHITE	35 51	91 51	370						2
LOST CORNERS		4324	POPE	WHITE	35 34	92 50	1550				6/48		2
LOUANN		4332	OUACHITA	OUACHITA	33 24	92 48	132		4				2
LURTON		4386	NEWTON	WHITE	35 46	93 05	2007						2
LUTHERVILLE		4390	JOHNSON	ARKANSAS	35 29	93 15	775	51	51				1 2 3
MADISON		4528	ST. FRANCIS	ST. FRANCIS	35 00	90 43	215		17				2
MAGNOLIA	MAGNOLIA (NR)	4548	COLUMBIA	RED	33 17	93 14	315	31	31				1 2 3
MALVERN		4562	HOT SPRINGS	OUACHITA	34 22	92 49	311				6/48		1 2
MAMMOTH SPRING		4572	FULTON	WHITE	36 29	91 32	600	43	43				1 2 3
MARIANNA	MARIANNA (NR)	4638	LEE	ST. FRANCIS	34 44	90 49	234	36	36				1 2 3
MARKED TREE		4654	POINSETT	ST. FRANCIS	35 32	90 25	229	43	43				1 2 3
MARSHALL		4666	SEARCY	WHITE	35 55	92 43	1050	29	29				1 2 3
MARVELL		4678	PHILLIPS	WHITE	34 33	90 55	195						2
MAUMEE		4696	SEARCY	WHITE	36 03	92 39	749		8				2
MELBOURNE		4746	IZARD	WHITE	36 04	91 54	610		3				2
MENA		4756	POLK	OUACHITA	34 35	94 15	1207	59	59				1 2 3
MONTICELLO		4900	DREW	OUACHITA	33 35	91 50	250	7	7				1 2 3
MONTROSE		4906	ASHLEY	OUACHITA	33 18	91 29	125		5				2
MOROBAY LOCK AND DAM	MOROBAY LOCK AND DAM NO. 8	4934	CALHOUN	OUACHITA	33 19	92 27	85						2
MORRILTON		4938	CONWAY	ARKANSAS	35 08	92 44	328	31	31				1 2 3
MOUNT IDA 1	MOUNT IDA	4988	MONTGOMERY	OUACHITA	34 33	93 37	702	48	48				1 2 3
MOUNT IDA 2	MOUNT IDA	4990	MONTGOMERY	OUACHITA	34 33	93 37	-		4				2
MOUNT MAGAZINE		5010	LOGAN	ARKANSAS	35 10	93 41	2800	0	0		8/48		1 2 3
MOUNTAIN HOME		5036	BAXTER	WHITE	36 20	92 30	800	35	35				1 2 3
MOUNTAIN VIEW		5046	STONE	WHITE	35 52	92 07	768		8				2
MOUNTAINBURG		5056	CRAWFORD	ARKANSAS	35 38	94 10	736		10				2
MULBERRY		5072	FRANKLIN	ARKANSAS	35 34	94 01	500		8				2
MURFREESBORO		5078	PIKE	OUACHITA	34 04	93 41	367		8				2
NASHVILLE		5112	HOWARD	RED	33 58	93 51	350	9	9				1 2 3
NASHVILLE SCS	NASHVILLE SCS 1-R	5114	HOWARD	RED	33 57	93 51	373		4				2
NATHAN 4 MI. NW		5158	HOWARD	OUACHITA	34 07	93 52	550		0		6/48		2
NEWHOPE		5186	PIKE	OUACHITA	34 14	93 50	850		8				2
NEWPORT		5187	JACKSON	WHITE	35 36	91 17	225	64	64				1 2 3
NIMROD DAM		5200	PERRY	ARKANSAS	34 57	93 10	470	6	6				1 2 3 4
NORFORK DAM		5228	BAXTER	WHITE	36 15	92 15	425	2	7				1 2 3 4
OARK		5344	JOHNSON	ARKANSAS	35 00	92 49	325						2
ODELL		5354	WASHINGTON	ARKANSAS	35 48	94 24	1500						2
ODEN		5358	MONTGOMERY	OUACHITA	34 38	93 48	800		20				2
OKAY		5376	HOWARD	RED	33 44	93 56	300	19	19				1 2 3
OSCEOLA		5480	MISSISSIPPI	MISSISSIPPI	35 43	89 58	250		47				2
OWENSVILLE		5498	SALINE	OUACHITA	34 27	92 49	500		4				2
OZARK		5508	FRANKLIN	ARKANSAS	35 29	93 50	396	52	52				1 2 3
PARAGOULD		5562	GREEN	ST. FRANCIS	36 04	90 29	275	24	24				1 2 3
PARKIN		5586	CROSS	ST. FRANCIS	35 16	90 35	222		17				2
PARTHENON		5602	NEWTON	ARKANSAS	35 57	93 15	925		8				2
PERRYVILLE		5694	PERRY	ARKANSAS	35 00	92 49	325	8	8				1 2 3
PINE BLUFF		5754	JEFFERSON	ARKANSAS	34 12	92 00	215	60	60				1 2 3
PINE BLUFF C. A. A.	PINE BLUFF AP, 3 MI. N.	5756	JEFFERSON	ARKANSAS	34 15	92 00	215						2
PINE RIDGE		5760	MONTGOMERY	OUACHITA	34 35	93 54	840		23				2
POCAHONTAS		5820	RANDOLPH	WHITE	36 16	90 59	330	54	54				1 2 3
PORTLAND		5886	ASHLEY	OUACHITA	33 14	91 30	122	41	41				1 2 3
PRESCOTT		5908	NEVADA	OUACHITA	33 48	93 23	318	59	59				1 2 3
PRESCOTT 8 C S	PRESCOTT	5910	NEVADA	OUACHITA	33 48	93 23	-		7				2
PYATT	PYATT (NR)	5970	MARION	WHITE	36 16	92 51	800		6				2
RATCLIFF		6008	LOGAN	ARKANSAS	35 18	93 53	483		3				2
RAVANA		6016	MILLER	RED	33 04	94 02	250		8				2
RED STAR		6078	MADISON	WHITE	35 51	93 31	2250		5				2
REMMEL DAM		6102	HOT SPRING	OUACHITA	34 26	92 54	-		8				2
RISON		8174	CLEVELAND	OUACHITA	33 48	92 11	231		32		6/48		2
ROCKHOUSE		6214	MADISON	WHITE	36 17	93 40	1214		2				2
ROGERS		6248	BENTON	WHITE	36 18	94 02	1387	57	57				1 2 3
ROSEBUD		6278	FAULKNER	ARKANSAS	35 20	92 04	-						2
RUSSELLVILLE		6352	POPE	ARKANSAS	35 18	93 08	360	35	35				1 2 3 4
SAINT CHARLES		6376	ARKANSAS	WHITE	34 23	91 08	200	14	14				1 2 3
SAINT FRANCIS		6380	CLAY	ST. FRANCIS	36 27	90 08	300		20				2
SEARCY		6506	WHITE	WHITE	35 15	91 44	245	37	37				1 2 3
SHERIDAN		6566	GRANT	OUACHITA	34 27	92 21	290	7	7				1 2 3
SHIRLEY		6586	VAN BUREN	WHITE	35 38	92 17	600		8				2

See reference notes following Station Index.

STATION INDEX

ARKANSAS
1948

Continued.

Station	Former station name	Index No.	County	Drainage	Latitude	Longitude	Elevation above mean sea level (feet)	Years of record			Opened or closed during year		Refer to tables
								Temperature	Precipitation	Evaporation	Month opened	Month closed	
SILOAM SPRINGS		6624	HENTON	WHITE	36 11	94 33	1150	7	7				I 2 3
SMITHVILLE		6698	LAWRENCE	WHITE	36 05	91 18	450		2				2
SPARKMAN		6768	DALLAS	OUACHITA	33 55	92 48	260		5		6/48		2
STAMPS		6804	LAFAYETTE	RED	33 24	93 27						6/48	2
STAR CITY		6820	LINCOLN	OUACHITA	33 57	91 50	250		5				2
STEVE		6856	YELL	ARKANSAS	34 53	93 19	682		4				2
STORY		6890	MONTGOMERY	OUACHITA	34 42	93 31	650		23				2
STUTTGART		6918	ARKANSAS	ARKANSAS	34 29	91 32	214	60	60				1 2 3
STUTTGART 9 MI. ESE	STUTTGART (NR) (EVAP)	6920	ARKANSAS	ARKANSAS	34 28	91 25	198	12	12				1 2 3 4
SUBIACO		6928	LOGAN	ARKANSAS	35 18	93 39	500	49	49				1 2 3
SUGAR GROVE		6940	LOGAN	ARKANSAS	35 04	93 48	500		8				2
SUGAR LOAF MOUNTAIN		6944	CLEBURNE	WHITE	35 29	91 58	300		3				2
TAYLOR		7038	COLUMBIA	RED	33 06	93 27	247		5				2
TEXARKANA WB AIRPORT	TEXARKANA (AP)	7048	MILLER	RED	33 27	94 00	368	63	63				1 2 3
TICHNOR		7102	ARKANSAS	RED	34 08	91 16						6/48	2
TINSMAN		7118	CALHOUN	OUACHITA	33 38	92 21	170		5				2
TURNPIKE		7262	POPE	ARKANSAS	35 40	93 05	2087	23	23				1 2 3
VICK	VICK (NR)	7420	BRADLEY	OUACHITA	33 19	92 09	115		6				2
VIOLA		7450	FULTON	WHITE	36 24	91 59	692		7				2
WALDRON		7488	SCOTT	ARKANSAS	34 54	94 06	675	28	28				1 2 3
WALNUT GROVE		7524	INDEPENDENCE	WHITE	35 51	91 21	250		7				2
WARREN		7582	BRADLEY	OUACHITA	33 36	92 04	206	53	53				1 2 3
WEDINGTON LAKE	LAKE WEDINGTON	7638	WASHINGTON	ARKANSAS	36 06	94 23	1150		3				2
WEST FORK		7694	WASHINGTON	WHITE	35 55	94 11	1340		8				2
WHEELING		7744	FULTON	WHITE	36 19	91 52	680		8				2
WHITE ROCK		7772	FRANKLIN	ARKANSAS	35 41	93 57	2285	11	11				1 2 3
WHITECLIFFS		7812	LITTLE RIVER	RED	33 48	94 03	290						2
WILSON		7912	MISSISSIPPI	MISSISSIPPI	35 34	90 02	237	22	22				1 2 3
WINFREY		7936	CRAWFORD	ARKANSAS	35 44	94 06	1152		8				2
WING		7950	YELL	ARKANSAS	34 57	93 28	350		5				2
WYNNE		8052	CROSS	ST. FRANCIS	35 13	90 46	260	39	39				1 2 3
YELLVILLE		8084	MARION	WHITE	36 13	92 41	900		3				2

REFERENCE NOTES

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F; precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 4.

The four digit identification numbers in the Index are assigned on a state basis. There will be no duplication of numbers within a state.

Delayed data and corrections will be carried only in the June and December issues of Climatological Data.

- no record.
- + also later dates or months.
- // gage is equipped with a windsield.
- B adjusted to full month.
- M 1 to 10 days' record missing; see monthly Climatological Data for detailed daily record.
- T trace, an amount too small to measure.

The subscription price for this bulletin is 15 cents per copy or \$1.50 a year (Yearly subscription includes the annual summary). Correspondence regarding subscriptions should be addressed to Weather Records Processing Center, Room 9, U. S. Court House, Fort Worth 2, Texas.

W.H.O., Ft. Worth, Tex., -- 3/11/49 -- 1525



